

TRC

Customer-Focused Solutions

January 17, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. EDWARD RALSTON

SITE: BULK PLANT 0220
720 NORTH FRANKLIN STREET
FORT BRAGG, CALIFORNIA

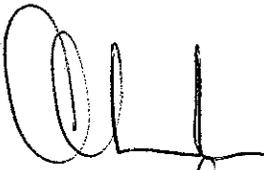
RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2004

Dear Mr. Ralston:

Please find enclosed our Quarterly Monitoring Report for Bulk Plan 0220, located at 720 North Franklin Street, Fort Bragg, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC



Anju Farfan
QMS Operations Manager

CC: Ms. Colleen Stone, RWQCB - North Coast Region
Mr. Dave Smith, Mendocino Coast Petroleum, Inc.
Mr. Mike Foget, SHN Consulting Engineers & Geologist, Inc.

Enclosures
20-0400/0220R05.QMS



Customer-Focused Solutions

**QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2004**

BULK PLANT 0220
720 North Franklin Street
Fort Bragg, California

Prepared For:

Mr. Edward Ralston
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, CA 95818

By:

Senior Project Geologist, Irvine Operations
January 17, 2004



LIST OF ATTACHMENTS

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Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase TPH-D Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2004 through December 2004
Bulk Plant 0220
720 North Franklin Street
Fort Bragg, CA

Project Coordinator: **Edward Ralston**
Telephone: **916-558-7633**

Water Sampling Contractor: **TRC**
Compiled by: **Valentina Tobon**

Date(s) of Gauging/Sampling Event: **11/10/04**

Sample Points

Groundwater wells: **6** onsite, **6** offsite Wells gauged: **12** Wells sampled: **5**
Purging method: **Bailer / diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **12 feet** Maximum: **17.03 feet**
Average groundwater elevation (relative to available local datum): **62.48 feet**
Average change in groundwater elevation since previous event: **0.07 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, northwest**
 Previous event: **0.02 ft/ft, northwest (8/4/04)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
 Maximum reported benzene concentration: **n/a**

Wells with **TPH-D** **5** Maximum: **140,000 µg/l (MW-8)**
Wells with **TPPH 8260B** **5** Maximum: **8,500 µg/l (MW-8)**
Wells with **MTBE** **2** Maximum: **43 µg/l (MW-10)**

Notes:

MW-1=Sampled semi-annually, MW-12=Sampled semi-annually, MW-2=Sampled semi-annually,
MW-5=Monitored Only, MW-6=Sampled annually, MW-7=Sampled annually, MW-9=Sampled
annually,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.
9. Historical data has been validated for this report. Values presented in the following tables supercede those from previous reports.

REFERENCE

TRC began groundwater monitoring and sampling Bulk Plant 0220 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 10, 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	IPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1															
11/10/04	77.64	13.72	0.00	63.92	0.55	--	--	--	--	--	--	--	--	--	Sampled semi-annually
				(Screen Interval in feet: 10.5-20.5)											
MW-2															
11/10/04	77.98	13.92	0.00	64.06	-0.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
				(Screen Interval in feet: 10.5-25.5)											
MW-3															
11/10/04	76.82	13.63	0.00	63.19	0.08	500	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
				(Screen Interval in feet: 10.0-22.0)											
MW-4															
11/10/04	78.95	14.56	0.00	64.39	0.40	72000	--	3600	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
				(Screen Interval in feet: 10.0-20.0)											
MW-5															
11/10/04	79.77	17.03	0.00	62.74	-0.61	--	--	--	--	--	--	--	--	--	Monitored Only
				(Screen Interval in feet: 10.0-20.0)											
MW-6															
11/10/04	76.32	12.00	0.00	64.32	0.86	--	--	--	--	--	--	--	--	--	Sampled annually
				(Screen Interval in feet: 8.0-18.0)											
MW-7															
11/10/04	77.90	12.60	0.00	65.30	-0.01	--	--	--	--	--	--	--	--	--	Sampled annually
				(Screen Interval in feet: 8.0-18.0)											
MW-8															
11/10/04	74.58	13.10	0.00	61.48	-0.13	140000	--	8500	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
				(Screen Interval in feet: 6.0-18.0)											
MW-9															
11/10/04	73.31	12.05	0.00	61.26	-0.07	--	--	--	--	--	--	--	--	--	Sampled annually
				(Screen Interval in feet: 9.0-20.0)											
MW-10															
11/10/04	72.23	13.03	0.00	59.20	-0.19	350	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	
				(Screen Interval in feet: 4.0-19.0)											
MW-11															
11/10/04	73.76	13.62	0.00	60.14	-0.27	6400	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
				(Screen Interval in feet: 4.0-20.0)											
MW-12															
11/10/04	72.96	13.20	0.00	59.76	0.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually
				(Screen Interval in feet: 4.0-19.0)											

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 (Screen Interval in feet: 10.5-20.5)															
2/7/89	--	--	--	--	--	120000	4900	--	31	12	26	53	--	--	
8/3/89	--	--	--	--	--	5000	270	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
1/26/90	--	--	--	--	--	1200	1500	--	50	23	1.0	100	--	--	
4/30/90	--	--	--	--	--	1100	690	--	0.89	ND	1.8	0.59	--	--	
7/30/90	--	--	--	--	--	1100	740	--	2.0	3.2	3.7	1.1	--	--	
10/29/90	--	--	--	--	--	330	ND	--	ND	0.74	ND	ND	--	--	
1/29/91	--	--	--	--	--	940	94	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	290	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	3500	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	250	220	--	ND	0.61	2.4	0.66	--	--	
4/24/92	--	--	--	--	--	330	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	420	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	77.32	11.43	0.00	65.89	--	180	220	--	ND	ND	ND	ND	--	--	
7/29/93	77.32	13.32	0.00	64.00	-1.89	180	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.10	14.50	0.00	62.60	-1.40	130	150	--	ND	ND	ND	ND	--	--	
1/24/94	77.10	12.28	0.00	64.82	2.22	200	90	--	ND	ND	ND	ND	--	--	
4/15/94	77.10	11.73	0.00	65.37	0.55	270	180	--	ND	ND	ND	ND	--	--	
9/14/94	77.10	14.52	0.00	62.58	-2.79	80	ND	--	ND	1.3	ND	1.0	--	--	
2/10/95	77.10	8.74	0.00	68.36	5.78	190	110	--	ND	ND	0.66	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued															
8/22/95	77.10	13.75	0.00	63.35	-5.01	95	120	--	ND	ND	ND	0.65	--	--	
2/27/96	77.10	9.32	0.00	67.78	4.43	500	190	--	ND	ND	0.69	0.57	--	--	
8/27/96	77.08	13.80	0.00	63.28	--	79	ND	--	ND	ND	ND	ND	--	--	
2/20/97	77.08	10.21	0.00	66.87	--	440	190	--	ND	ND	ND	ND	--	--	
8/19/97	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt
2/17/98	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt
8/4/98	77.08	13.11	0.00	63.97	--	128	60.1	--	ND	ND	ND	ND	--	--	
2/19/99	77.08	9.21	0.00	67.87	3.90	450	72	--	ND	ND	ND	ND	ND	--	
5/19/99	77.08	11.75	0.00	65.33	-2.54	ND	ND	--	ND	ND	ND	ND	ND	--	
8/5/99	77.08	15.48	0.00	61.60	-3.73	800	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	77.08	12.10	0.00	64.98	3.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/15/00	77.08	9.76	0.00	67.32	2.34	5400	630	--	ND	ND	ND	ND	ND	--	
5/11/00	77.08	11.80	0.00	65.28	-2.04	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	77.08	14.60	0.00	62.48	-2.80	690	120	--	ND	ND	ND	ND	ND	--	
11/27/00	77.08	12.98	0.00	64.10	1.62	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	77.08	11.81	0.00	65.27	1.17	3960	6900	--	ND	ND	ND	0.91	ND	--	
5/11/01	77.08	12.04	0.00	65.04	-0.23	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	77.08	14.50	0.00	62.58	-2.46	320	55	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.8	2.5	
11/30/01	77.08	11.63	0.00	65.45	2.87	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/7/02	77.08	10.51	0.00	66.57	1.12	3500	380	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/02	77.08	12.43	0.00	64.65	-1.92	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/02	77.08	14.83	0.00	62.25	-2.40	1100	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	77.08	13.84	0.00	63.24	0.99	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/03	77.08	10.45	0.00	66.63	3.39	37000	82	--	ND<0.50	ND<0.50	ND<0.50	0.95	ND<2.0	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued															
5/16/03	77.08	10.35	0.00	66.73	0.10	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/03	77.08	13.94	0.00	63.14	-3.59	270000	--	7000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
12/22/03	77.08	11.41	0.00	65.67	2.53	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
2/24/04	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/6/04	77.08	12.05	0.00	65.03	--	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
8/4/04	77.40	14.03	0.00	63.37	-1.66	100	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/10/04	77.64	13.72	0.00	63.92	0.55	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-2 (Screen Interval in feet: 10.5-25.5)															
2/7/89	--	--	--	--	--	1900	2800	--	4.1	ND	ND	7.4	--	--	
8/3/89	--	--	--	--	--	4800	74	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	1400	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	73	480	--	0.5	1.0	1.9	9.0	--	--	
4/30/90	--	--	--	--	--	230	340	--	ND	7.1	8.2	2.4	--	--	
7/30/90	--	--	--	--	--	340	70	--	0.45	ND	2.9	0.6	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	3.0	ND	ND	--	--	
1/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	71	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	77	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	61	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued															
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	77.94	11.42	0.00	66.52	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	77.94	13.13	0.00	64.81	-1.71	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.52	14.11	0.00	63.41	-1.40	--	--	--	--	--	--	--	--	--	Sampled semi-annually
1/24/94	77.52	12.20	0.00	65.32	1.91	ND	ND	--	ND	ND	ND	ND	--	--	
4/15/94	77.52	11.50	0.00	66.02	0.70	--	--	--	--	--	--	--	--	--	Sampled semi-annually
9/14/94	77.52	14.10	0.00	63.42	-2.60	70	ND	--	ND	1.4	ND	1.2	--	--	
2/10/95	77.52	8.68	0.00	68.84	5.42	ND	ND	--	ND	ND	ND	ND	--	--	
8/22/95	77.52	13.45	0.00	64.07	-4.77	ND	ND	--	ND	ND	ND	ND	--	--	
2/27/96	77.52	9.20	0.00	68.32	4.25	110	ND	--	ND	ND	ND	ND	--	--	
8/27/96	77.52	13.54	0.00	63.98	--	ND	ND	--	ND	8.0	ND	ND	--	--	
2/20/97	77.52	10.00	0.00	67.52	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/19/97	77.52	13.64	0.00	63.88	-3.64	ND	ND	--	ND	ND	ND	ND	--	--	
2/17/98	77.52	8.28	0.00	69.24	5.36	ND	ND	--	ND	ND	ND	ND	--	--	
8/4/98	77.52	12.92	0.00	64.60	-4.64	ND	ND	--	ND	ND	ND	ND	--	--	
2/19/99	77.52	8.81	0.00	68.71	4.11	ND	ND	--	ND	1.6	ND	ND	ND	--	
5/19/99	77.52	11.57	0.00	65.95	-2.76	ND	ND	--	ND	ND	ND	ND	ND	--	
8/5/99	77.52	14.47	0.00	63.05	-2.90	ND	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	77.52	11.95	0.00	65.57	2.52	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/15/00	77.52	9.53	0.00	67.99	2.42	ND	ND	--	ND	ND	ND	ND	4.3	6.3	
5/11/00	77.52	11.60	0.00	65.92	-2.07	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	77.52	14.47	0.00	63.05	-2.87	320	270	--	ND	ND	ND	ND	ND	--	
11/27/00	77.52	12.73	0.00	64.79	1.74	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	77.52	11.60	0.00	65.92	1.13	ND	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued															
5/11/01	77.52	11.88	0.00	65.64	-0.28	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	77.52	14.36	0.00	63.16	-2.48	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	77.52	11.50	0.00	66.02	2.86	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/7/02	77.52	10.25	0.00	67.27	1.25	79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/02	77.52	12.32	0.00	65.20	-2.07	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/02	77.52	14.69	0.00	62.83	-2.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	77.52	13.68	0.00	63.84	1.01	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/03	77.52	10.25	0.00	67.27	3.43	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
5/16/03	77.52	10.17	0.00	67.35	0.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/03	77.52	13.76	0.00	63.76	-3.59	66	--	770	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/22/03	77.52	11.12	0.00	66.40	2.64	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
2/24/04	77.52	9.41	0.00	68.11	1.71	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/6/04	77.52	11.84	0.00	65.68	-2.43	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
8/4/04	77.98	13.89	0.00	64.09	-1.59	110	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/10/04	77.98	13.92	0.00	64.06	-0.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
MW-3 (Screen Interval in feet: 10.0-22.0)															
2/7/89	--	--	--	--	--	8100	7700	--	7.1	1.6	1.9	9.7	--	--	
8/3/89	--	--	--	--	--	3500	490	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	2400	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	210	93	--	ND	ND	ND	ND	--	--	
4/30/90	--	--	--	--	--	80	120	--	ND	3.8	ND	ND	--	--	
7/30/90	--	--	--	--	--	310	160	--	ND	2.1	ND	ND	--	--	
10/29/90	--	--	--	--	--	220	34	--	ND	10	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued															
1/29/91	--	--	--	--	--	89	ND	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	170	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	69	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/21/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	76.81	11.46	0.00	65.35	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	76.81	13.01	0.00	63.80	-1.55	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	76.33	13.68	0.00	62.65	-1.15	--	--	--	--	--	--	--	--	--	Sampled semi-annually
1/24/94	76.33	11.78	0.00	64.55	1.90	170	ND	--	ND	ND	ND	ND	--	--	
4/15/94	76.33	11.40	0.00	64.93	0.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually
9/14/94	76.33	13.68	0.00	62.65	-2.28	85	ND	--	ND	1.4	ND	1.4	--	--	
2/10/95	76.33	8.33	0.00	68.00	5.35	ND	ND	--	ND	ND	ND	ND	--	--	
8/22/95	76.33	13.09	0.00	63.24	-4.76	ND	ND	--	ND	ND	ND	ND	--	--	
2/27/96	76.33	9.05	0.00	67.28	4.04	61	ND	--	ND	ND	ND	ND	--	--	
8/27/96	76.32	13.16	0.00	63.16	--	ND	ND	--	ND	8.1	ND	ND	--	--	
2/20/97	76.32	9.88	0.00	66.44	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/19/97	76.32	13.29	0.00	63.03	-3.41	ND	ND	--	ND	ND	ND	ND	--	--	
2/17/98	76.32	7.97	0.00	68.35	5.32	1100	ND	--	ND	ND	ND	ND	--	--	
8/4/98	76.32	12.70	0.00	63.62	-4.73	ND	ND	--	ND	ND	ND	ND	--	--	
2/19/99	76.32	8.67	0.00	67.65	4.03	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued															
5/19/99	76.32	11.52	0.00	64.80	-2.85	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/5/99	76.32	13.93	0.00	62.39	-2.41	ND	ND	--	ND	ND	ND	ND	ND	--	--
11/24/99	76.32	11.68	0.00	64.64	2.25	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/15/00	76.32	9.49	0.00	66.83	2.19	8800	710	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
5/11/00	76.32	11.41	0.00	64.91	-1.92	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	76.32	13.93	0.00	62.39	-2.52	14000	2400	--	ND	ND	ND	ND	ND	--	Sheen
11/27/00	76.32	12.61	0.00	63.71	1.32	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	76.32	11.50	0.00	64.82	1.11	86.3	ND	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
5/11/01	76.32	11.79	0.00	64.53	-0.29	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	76.32	13.88	0.00	62.44	-2.09	990	1200	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/30/01	76.32	11.01	0.00	65.31	2.87	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/7/02	76.32	10.17	0.00	66.15	0.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
5/10/02	76.32	12.14	0.00	64.18	-1.97	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/02	76.32	14.17	0.00	62.15	-2.03	3300	1400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/14/02	76.32	13.33	0.00	62.99	0.84	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/03	76.32	13.09	0.00	63.23	0.24	280	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually
5/16/03	76.32	10.06	0.00	66.26	3.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/03	76.32	13.42	0.00	62.90	-3.36	490	--	3200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	Sampled semi-annually
12/22/03	76.32	11.22	0.00	65.10	2.20	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
2/24/04	76.32	9.26	0.00	67.06	1.96	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored only, sampled semi-annually
5/6/04	76.32	11.78	0.00	64.54	-2.52	--	--	--	--	--	--	--	--	--	--
8/4/04	76.82	13.71	0.00	63.11	-1.43	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--
11/10/04	76.82	13.63	0.00	63.19	0.08	500	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4															
(Screen Interval in feet: 10.0-20.0)															
2/7/89	--	--	--	--	--	160000	8800	--	87	3.9	39	280	--	--	
8/3/89	--	--	--	--	--	50000	3300	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
1/26/90	--	--	--	--	--	94000	17000	--	140	1.50	25	300	--	--	
4/30/90	--	--	--	--	--	10000	2200	--	4.9	1.8	2.4	4.3	--	--	
7/30/90	--	--	--	--	--	12000	2700	--	4.6	4.4	3.9	7.1	--	--	
10/29/90	--	--	--	--	--	21000	1300	--	6.2	3.4	2.6	4.0	--	--	
1/29/91	--	--	--	--	--	47000	6500	--	2.1	ND	3.1	4.6	--	--	
4/26/91	--	--	--	--	--	2800	1600	--	ND	ND	ND	8.1	--	--	
7/19/91	--	--	--	--	--	34000	1500	--	1.2	2.3	1.3	1.7	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of sheen
1/21/92	--	--	--	--	--	18000	590	--	1.0	0.62	0.69	2.3	--	--	
4/24/92	--	--	--	--	--	22000	4400	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	28000	850	--	0.98	1.1	1.4	1.1	--	--	
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
1/27/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
4/30/93	79.24	12.38	0.00	66.86	--	47000	2900	--	ND	ND	ND	ND	--	--	Sheen
7/29/93	79.24	14.27	0.00	64.97	-1.89	260000	1200	--	5.2	ND	ND	3.2	--	--	Sheen
10/27/93	78.93	15.48	0.00	63.45	-1.52	22000	1800	--	ND	ND	ND	ND	--	--	Sheen
1/24/94	78.93	13.55	0.00	65.38	1.93	27000	940	--	ND	ND	ND	2.8	--	--	Sheen
4/15/94	78.93	12.69	0.00	66.24	0.86	17000	3200	--	ND	ND	2.6	10	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued															
9/14/94	78.93	15.50	0.00	63.43	-2.81	18000	3400	--	ND	19	ND	27	--	--	Sheen
2/10/95	78.93	9.60	0.00	69.33	5.90	38000	81000	--	ND	ND	ND	ND	--	--	Sheen
8/22/95	78.93	14.76	0.00	64.17	-5.16	48000	18000	--	ND	ND	22	24	--	--	Sheen
2/27/96	78.93	9.11	0.00	69.82	5.65	260000	9500	--	ND	ND	3.2	1.7	--	--	Sheen
8/27/96	78.95	14.75	0.00	64.20	--	130000	11000	--	ND	ND	ND	ND	--	--	Sheen
2/20/97	78.95	11.06	0.00	67.89	--	ND	150000	--	ND	ND	ND	ND	--	--	Sheen
8/19/97	78.95	15.00	0.00	63.95	-3.94	88000	2300	--	ND	ND	ND	ND	--	--	Sheen
2/17/98	78.95	9.14	0.00	69.81	5.86	9000	26000	--	ND	ND	ND	ND	--	--	Sheen
8/4/98	78.95	14.06	0.00	64.89	-4.92	60000	1680	--	ND	ND	ND	ND	--	--	Sheen
2/19/99	78.95	9.56	0.00	69.39	4.50	620	730	--	ND	ND	ND	ND	--	--	Sheen
5/19/99	78.95	12.67	0.00	66.28	-3.11	ND	2400	--	ND	ND	ND	ND	--	--	Sheen
8/5/99	78.95	15.42	0.00	63.53	-2.75	110000	1200	--	ND	ND	ND	ND	--	--	Sheen
11/24/99	78.95	12.99	0.00	65.96	2.43	52000	21000	--	ND	ND	ND	ND	--	--	Sheen
2/15/00	78.95	10.32	0.00	68.63	2.67	52000	4500	--	ND	ND	ND	ND	--	--	Sheen
5/11/00	78.95	12.71	0.00	66.24	-2.39	7800	2400	--	5.2	ND	ND	18	--	--	Sheen
8/9/00	78.95	15.47	0.02	63.49	-2.75	69000	620000	--	ND	ND	ND	ND	--	--	Sheen
11/27/00	78.95	13.78	0.00	65.17	1.68	210000	85000	--	ND	ND	ND	ND	--	--	Sheen
2/14/01	78.95	12.67	0.00	66.28	1.11	82700	80000	--	ND	ND	ND	ND	--	--	Sheen
5/11/01	78.95	13.10	0.00	65.85	-0.43	210000	24000	--	ND	ND	ND	ND	--	--	Sheen
8/9/01	78.95	15.31	0.00	63.64	-2.21	71000	3600	--	ND<10	ND<10	14	ND<10	--	--	Sheen
11/30/01	78.95	12.38	0.00	66.57	2.93	120000	3400	--	ND<1.0	1.0	2.9	ND<1.0	--	--	Sheen
2/7/02	78.95	11.42	0.00	67.53	0.96	210000	30000	--	ND<2.5	ND<2.5	15	19	--	--	Sheen
5/10/02	78.95	13.50	0.00	65.45	-2.08	790000	21000	--	ND<5.0	9.5	12	16	--	--	Sheen
8/15/02	78.95	15.76	0.00	63.19	-2.26	1700000	140000	--	ND<100	ND<100	ND<100	ND<100	--	--	Sheen

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued															
11/14/02	78.95	14.64	0.00	64.31	1.12	72000	91000	--	ND<5.0	ND<5.0	910	1800	ND<250	--	
2/13/03	78.95	11.32	0.00	67.63	3.32	1300000	3100	--	ND<2.5	9.7	28	27	ND<10	--	
5/16/03	78.95	11.20	0.00	67.75	0.12	240000	5000	--	ND<2.5	ND<2.5	19	21	ND<12	--	
8/12/03	78.95	14.83	0.00	64.12	-3.63	570000	--	23000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
12/22/03	78.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Equipment over well
2/24/04	78.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/6/04	78.95	12.96	0.00	65.99	--	51000	--	940	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/4/04	78.95	14.96	0.00	63.99	-2.00	200000	--	42000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<5.0	
11/10/04	78.95	14.56	0.00	64.39	0.40	72000	--	3600	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
MW-5 (Screen Interval in feet: 10.0-20.0)															
4/1/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/3/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	2300	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/90	--	--	--	--	--	ND	380	--	2.2	3.9	4.2	1.4	--	--	
7/30/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	7.3	ND	ND	--	--	
1/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	85	130	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	53	ND	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	60	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued															
7/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	80.24	13.74	0.00	66.50	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	80.24	15.61	0.00	64.63	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	79.75	16.52	0.00	63.23	-1.40	--	--	--	--	--	--	--	--	--	Sampled semi-annually
1/24/94	79.75	14.37	0.00	65.38	2.15	ND	ND	--	ND	ND	ND	ND	--	--	
4/15/94	79.75	13.74	0.00	66.01	0.63	--	--	--	--	--	--	--	--	--	Sampled semi-annually
9/14/94	79.75	16.55	0.00	63.20	-2.81	90	ND	--	ND	1.1	ND	1.1	--	--	
2/10/95	79.75	10.62	0.00	69.13	5.93	ND	ND	--	ND	ND	ND	ND	--	--	
8/22/95	79.75	15.83	0.00	63.92	-5.21	ND	150	--	ND	ND	ND	ND	--	--	
2/27/96	79.75	11.12	0.00	68.63	4.71	ND	ND	--	ND	ND	ND	ND	--	--	
8/27/96	79.77	15.82	0.00	63.95	--	ND	ND	--	ND	8.1	ND	ND	--	--	
2/20/97	79.77	12.06	0.00	67.71	--	120000	ND	--	ND	ND	ND	ND	--	--	
8/19/97	79.77	16.02	0.00	63.75	-3.96	460	ND	--	ND	ND	ND	ND	--	--	
2/17/98	79.77	10.22	0.00	69.55	5.80	170	ND	--	ND	ND	ND	ND	--	--	
8/4/98	79.77	15.45	0.00	64.32	-5.23	ND	ND	--	ND	ND	ND	ND	--	--	
2/19/99	79.77	10.61	0.00	69.16	4.84	ND	ND	--	ND	ND	ND	ND	ND	ND	
5/19/99	79.77	13.93	0.00	65.84	-3.32	ND	ND	--	ND	ND	ND	ND	ND	ND	
8/5/99	79.77	16.27	0.00	63.50	-2.34	ND	ND	--	ND	ND	ND	ND	ND	ND	
11/24/99	79.77	13.42	0.00	66.35	2.85	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/15/00	79.77	11.37	0.00	68.40	2.05	ND	ND	--	ND	ND	ND	ND	ND	ND	
5/11/00	79.77	14.07	0.00	65.70	-2.70	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	79.77	16.26	0.00	63.51	-2.19	ND	ND	--	ND	ND	ND	ND	ND	ND	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued															
11/27/00	79.77	15.24	0.00	64.53	1.02	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	79.77	13.45	0.00	66.32	1.79	ND	ND	--	ND	ND	ND	ND	ND	--	
5/11/01	79.77	14.29	0.00	65.48	-0.84	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	79.77	16.18	0.00	63.59	-1.89	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	79.77	12.81	0.00	66.96	3.37	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/7/02	79.77	12.45	0.00	67.32	0.36	64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/02	79.77	14.76	0.00	65.01	-2.31	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/02	79.77	16.56	0.00	63.21	-1.80	51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	79.77	15.25	0.00	64.52	1.31	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/03	79.77	12.36	0.00	67.41	2.89	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
5/16/03	79.77	12.28	0.00	67.49	0.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/03	79.77	15.90	0.00	63.87	-3.62	ND<50	ND<50	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/22/03	79.77	12.73	0.00	67.04	3.17	--	--	--	--	--	--	--	--	--	Monitored Only - Not Sampled
2/24/04	79.77	11.28	0.00	68.49	1.45	--	--	--	--	--	--	--	--	--	Monitored Only
5/6/04	79.77	14.37	0.00	65.40	-3.09	--	--	--	--	--	--	--	--	--	Monitored only
8/4/04	79.77	16.42	0.00	63.35	-2.05	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	79.77	17.03	0.00	62.74	-0.61	--	--	--	--	--	--	--	--	--	Monitored Only
MW-6 (Screen Interval in feet: 8.0-18.0)															
4/1/89	--	--	--	--	--	400	ND	--	ND	ND	ND	ND	--	--	
8/3/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	1700	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	ND	ND	--	0.5	0.9	ND	1.2	--	--	
4/30/90	--	--	--	--	--	ND	ND	--	ND	3.2	ND	0.6	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued															
7/30/90	--	--	--	--	--	ND	ND	--	0.51	2.6	0.79	1.6	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	8.7	ND	ND	--	--	
1/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	76.76	10.52	0.00	66.24	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	76.76	11.97	0.00	64.79	-1.45	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	76.32	12.35	0.00	63.97	-0.82	--	--	--	--	--	--	--	--	--	Sampled semi-annually
1/24/94	76.32	10.83	0.00	65.49	1.52	ND	ND	--	ND	ND	ND	ND	--	--	
4/15/94	76.32	10.54	0.00	65.78	0.29	--	--	--	--	--	--	--	--	--	Sampled semi-annually
9/14/94	76.32	12.34	0.00	63.98	-1.80	82	ND	--	ND	1.6	ND	1.3	--	--	
2/10/95	76.32	7.69	0.00	68.63	4.65	ND	ND	--	ND	ND	ND	ND	--	--	
8/22/95	76.32	11.90	0.00	64.42	-4.21	ND	ND	--	ND	ND	ND	ND	--	--	
2/27/96	76.32	8.26	0.00	68.06	3.64	64	ND	--	ND	ND	ND	ND	--	--	
8/27/96	76.31	12.02	0.00	64.29	--	ND	70	--	ND	8.6	ND	ND	--	--	
2/20/97	76.31	9.07	0.00	67.24	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/19/97	76.31	12.09	0.00	64.22	-3.02	ND	ND	--	ND	ND	ND	ND	--	--	
2/17/98	76.31	7.28	0.00	69.03	4.81	82	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued															
8/4/98	76.31	11.86	0.00	64.45	-4.58	ND	141	--	ND	ND	ND	ND	--	--	
2/19/99	76.31	7.91	0.00	68.40	3.95	ND	ND	--	ND	ND	ND	ND	ND	--	
5/19/99	76.31	10.58	0.00	65.73	-2.67	ND	ND	--	ND	ND	ND	ND	ND	--	
8/5/99	76.31	12.84	0.00	63.47	-2.26	200	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	76.31	10.86	0.00	65.45	1.98	--	--	--	--	--	--	--	--	--	Sampled annually
2/15/00	76.31	8.60	0.00	67.71	2.26	ND	ND	--	ND	ND	ND	ND	ND	--	
5/11/00	76.31	10.65	0.00	65.66	-2.05	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	76.31	12.62	0.00	63.69	-1.97	ND	ND	--	ND	ND	ND	ND	ND	--	
11/27/00	76.31	11.77	0.00	64.54	0.85	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	76.31	10.58	0.00	65.73	1.19	98.6	ND	--	ND	ND	ND	ND	ND	--	
5/11/01	76.31	10.87	0.00	65.44	-0.29	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	76.31	12.62	0.00	63.69	-1.75	--	--	--	--	--	--	--	--	--	Sampled annually
11/30/01	76.31	10.34	0.00	65.97	2.28	--	--	--	--	--	--	--	--	--	Sampled annually
2/7/02	76.31	9.30	0.00	67.01	1.04	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/02	76.31	11.30	0.00	65.01	-2.00	--	--	--	--	--	--	--	--	--	Sampled annually
8/15/02	76.31	12.88	0.00	63.43	-1.58	--	--	--	--	--	--	--	--	--	Sampled annually
11/14/02	76.31	12.20	0.00	64.11	0.68	--	--	--	--	--	--	--	--	--	Sampled annually
2/13/03	76.31	9.19	0.00	67.12	3.01	78	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
5/16/03	76.31	9.18	0.00	67.13	0.01	--	--	--	--	--	--	--	--	--	Sampled annually
8/12/03	76.31	12.17	0.00	64.14	-2.99	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	76.31	9.23	0.00	67.08	2.94	--	--	--	--	--	--	--	--	--	Sampled Annually
2/24/04	76.31	8.37	0.00	67.94	0.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/6/04	76.31	10.83	0.00	65.48	-2.46	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued															
8/4/04	76.32	12.86	0.00	63.46	-2.02	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	76.32	12.00	0.00	64.32	0.86	--	--	--	--	--	--	--	--	--	Sampled annually
MW-7 (Screen Interval in feet: 8.0-18.0)															
4/1/89	--	--	--	--	--	390	130	--	1.1	ND	ND	ND	--	--	
8/3/89	--	--	--	--	--	ND	54	--	1.4	0.93	0.71	0.35	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
1/26/90	--	--	--	--	--	53	180	--	5.0	4.0	ND	10	--	--	
4/30/90	--	--	--	--	--	130	72	--	ND	ND	ND	0.62	--	--	
7/30/90	--	--	--	--	--	ND	ND	--	ND	1.7	0.61	0.92	--	--	
10/29/90	--	--	--	--	--	83	ND	--	ND	3.2	ND	ND	--	--	
1/29/91	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	68	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	120	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	78.38	10.09	0.00	68.29	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	78.38	11.85	0.00	66.53	-1.76	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.86	13.17	0.00	64.69	-1.84	--	--	--	--	--	--	--	--	--	Sampled semi-annually
1/24/94	77.86	11.10	0.00	66.76	2.07	78	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
4/15/94	77.86	10.22	0.00	67.64	0.88	--	--	--	--	--	--	--	--	--	Sampled semi-annually
9/14/94	77.86	13.15	0.00	64.71	-2.93	130	ND	--	ND	1.2	ND	1.2	--	--	
2/10/95	77.86	7.25	0.00	70.61	5.90	ND	ND	--	ND	ND	ND	ND	--	--	
8/22/95	77.86	12.35	0.00	65.51	-5.10	ND	ND	--	ND	ND	ND	ND	--	--	
2/27/96	77.86	7.66	0.00	70.20	4.69	ND	ND	--	ND	ND	ND	ND	--	--	
8/27/96	77.87	12.48	0.00	65.39	--	ND	ND	--	ND	8.5	ND	ND	--	--	
2/20/97	77.87	8.59	0.00	69.28	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/19/97	77.87	12.59	0.00	65.28	-4.00	ND	ND	--	ND	ND	ND	ND	--	--	
2/17/98	77.87	6.75	0.00	71.12	5.84	87	ND	--	ND	ND	ND	ND	--	--	
8/4/98	77.87	11.79	0.00	66.08	-5.04	66.6	ND	--	ND	ND	ND	ND	ND	--	
2/19/99	77.87	7.12	0.00	70.75	4.67	ND	ND	--	ND	ND	ND	ND	ND	--	
5/19/99	77.87	10.58	0.00	67.29	-3.46	ND	ND	--	ND	ND	ND	ND	ND	--	
8/5/99	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/24/99	77.87	10.76	0.00	67.11	--	--	--	--	--	--	--	--	--	--	Sampled annually
2/15/00	77.87	7.85	0.00	70.02	2.91	ND	ND	--	ND	ND	ND	ND	ND	--	
5/11/00	77.87	10.48	0.00	67.39	-2.63	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/27/00	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
2/14/01	77.87	10.31	0.00	67.56	--	102	ND	--	ND	ND	ND	ND	ND	--	
5/11/01	77.87	11.11	0.00	66.76	-0.80	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/01	77.87	10.07	0.00	67.80	--	--	--	--	--	--	--	--	--	--	Sampled annually
2/7/02	77.87	8.98	0.00	68.89	1.09	61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/02	77.87	11.35	0.00	66.52	-2.37	--	--	--	--	--	--	--	--	--	Sampled annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
8/15/02	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/14/02	77.87	13.38	0.00	64.49	--	--	--	--	--	--	--	--	--	--	Sampled annually
2/13/03	77.87	8.94	0.00	68.93	4.44	72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled annually
5/16/03	77.87	8.81	0.00	69.06	0.13	--	--	--	--	--	--	--	--	--	Sampled annually
8/12/03	77.87	14.13	0.00	63.74	-5.32	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	77.87	9.74	0.00	68.13	4.39	--	--	--	--	--	--	--	--	--	Sampled Annually
2/24/04	77.87	7.88	0.00	69.99	1.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored only, sampled annually
5/6/04	77.87	10.60	0.00	67.27	-2.72	--	--	--	--	--	--	--	--	--	Monitored Only
8/4/04	77.90	12.59	0.00	65.31	-1.96	--	--	--	--	--	--	--	--	--	Sampled annually
11/10/04	77.90	12.60	0.00	65.30	-0.01	--	--	--	--	--	--	--	--	--	
MW-8 (Screen Interval in feet: 6.0-18.0)															
4/1/89	--	--	--	--	--	77000	1700	--	ND	ND	ND	ND	--	--	
8/3/89	--	--	--	--	--	1900	1600	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	9400000	2500	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	8900	10000	--	ND	6.0	10	20	--	--	
4/30/90	--	--	--	--	--	4600	1300	--	3.4	0.95	ND	5.3	--	--	
7/30/90	--	--	--	--	--	3300	1200	--	ND	1.3	3.1	7.7	--	--	
10/29/90	--	--	--	--	--	9500	1700	--	ND	0.78	2.4	ND	--	--	
1/29/91	--	--	--	--	--	3500	1400	--	ND	ND	0.91	ND	--	--	
4/26/91	--	--	--	--	--	11000	2400	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	12000	590	--	ND	1.0	ND	ND	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen
1/21/92	--	--	--	--	--	43000	40000	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued															
4/24/92	--	--	--	--	--	12000	3600	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	26000	85000	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
1/27/93	--	--	--	--	--	8300	960	--	2.2	ND	1.3	4.2	--	--	
4/30/93	75.08	10.53	0.00	64.55	--	100000	4800	--	ND	ND	ND	ND	--	--	Sheen
7/29/93	75.08	12.13	0.00	62.95	-1.60	220000	800	--	ND	2.3	ND	ND	--	--	Sheen
10/27/93	74.60	12.92	0.00	61.68	-1.27	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
1/24/94	74.60	10.87	0.00	63.73	2.05	1200	400	--	1.5	ND	1.1	1.4	--	--	Sheen
4/15/94	74.60	10.48	0.00	64.12	0.39	49000	2500	--	2.6	ND	ND	ND	--	--	
9/14/94	74.60	12.92	0.00	61.68	-2.44	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/10/95	74.60	6.88	0.00	67.72	6.04	210000	160000	--	ND	ND	ND	ND	--	--	Sheen
8/22/95	74.60	12.18	0.00	62.42	-5.30	20000	1000000	--	ND	ND	ND	ND	--	--	
2/27/96	74.60	7.69	0.00	66.91	4.49	660000	370000	--	ND	ND	55	210	--	--	Sheen
8/27/96	74.57	12.31	0.00	62.26	--	14000	1100	--	ND	ND	ND	ND	--	--	Sheen
2/20/97	74.57	8.78	0.00	65.79	--	550	240	--	ND	1.3	0.72	2.1	--	--	
8/19/97	74.57	12.45	0.00	62.12	-3.67	200000	20000	--	ND	ND	ND	ND	--	--	Sheen
2/17/98	74.57	6.50	0.00	68.07	5.95	220000	20000	--	ND	ND	ND	210	--	--	Sheen
8/4/98	74.57	11.92	0.00	62.65	-5.42	223000	106000	--	ND	ND	ND	ND	ND	ND	Sheen
2/19/99	74.57	7.22	0.00	67.35	4.70	--	200	--	0.50	ND	ND	ND	ND	ND	
5/19/99	74.57	10.77	0.00	63.80	-3.55	ND	8900	--	ND	ND	ND	6.0	ND	ND	
8/5/99	74.57	13.05	0.00	61.52	-2.28	48000	2060	--	ND	ND	ND	ND	ND	ND	
11/24/99	74.57	11.00	0.00	63.57	2.05	670000	370000	--	ND	ND	ND	ND	ND	ND	Sheen

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 February 1989 Through November 2004
 Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued															
2/15/00	74.57	8.25	0.00	66.32	2.75	320000	45000	--	ND	ND	ND	ND	ND	--	Sheen
5/11/00	74.57	10.81	0.00	63.76	-2.56	660000	1500000	--	ND	ND	730	9000	ND	--	Sheen
8/9/00	74.57	13.02	0.00	61.55	-2.21	280000	1000000	--	ND	ND	500	820	ND	--	Sheen
11/27/00	74.57	11.70	0.00	62.87	1.32	240000	56000	--	ND	ND	ND	ND	ND	--	Sheen
2/14/01	74.57	10.63	0.00	63.94	1.07	3310	3100000	--	ND	ND	2300	6200	ND	--	
5/11/01	74.57	10.88	0.00	63.69	-0.25	460000	26000	--	ND	ND	ND	ND	ND	--	
8/9/01	74.57	12.94	0.00	61.63	-2.06	24000	8600	--	ND<5.0	ND<5.0	ND<5.0	16	ND<25	--	
11/30/01	74.57	10.58	0.00	63.99	2.36	300000	35000	--	ND<2.5	ND<2.5	ND<2.5	ND<25	ND<120	--	
2/7/02	74.57	9.12	0.00	65.45	1.46	130000	43000	--	ND<2.5	ND<2.5	9.3	17	ND<12	--	
5/10/02	74.57	11.30	0.00	63.27	-2.18	470000	13000	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	
8/15/02	74.57	13.31	0.00	61.26	-2.01	4000000	270000	--	ND<2500	ND<2500	ND<2500	ND<2500	ND<12000	--	
11/14/02	74.57	12.42	0.00	62.15	0.89	4300000	100000	--	ND<50	ND<50	430	520	ND<250	--	
2/13/03	74.57	8.91	0.00	65.66	3.51	3600000	100000	--	ND<100	ND<100	330	700	ND<400	--	
5/16/03	74.57	8.94	0.00	65.63	-0.03	580000	1600	--	ND<5.0	ND<5.0	11	8.9	400	ND<10	
8/12/03	74.57	12.57	0.00	62.00	-3.63	660000	--	210000	ND<50	ND<50	ND<50	ND<100	--	ND<200	
12/22/03	74.57	10.46	0.00	64.11	2.11	150000	--	41000	--	--	--	--	--	--	
2/24/04	74.57	7.92	0.00	66.65	2.54	2900	--	3300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
5/6/04	74.57	11.00	0.00	63.57	-3.08	12000	--	630	--	--	--	--	--	--	
8/4/04	74.58	12.97	0.00	61.61	-1.96	50000	--	580	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
11/10/04	74.58	13.10	0.00	61.48	-0.13	140000	--	8500	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
MW-9 (Screen Interval in feet: 9.0-20.0)															
4/1/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/3/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	25000	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued															
1/26/90	--	--	--	--	--	300	ND	--	ND	ND	ND	ND	--	--	
4/30/90	--	--	--	--	--	ND	ND	--	ND	0.8	ND	ND	--	--	
7/30/90	--	--	--	--	--	ND	ND	--	ND	3.4	0.45	0.33	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	73.72	9.23	0.00	64.49	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	73.72	11.10	0.00	62.62	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	73.29	11.97	0.00	61.32	-1.30	--	--	--	--	--	--	--	--	--	Sampled semi-annually
1/24/94	73.29	9.73	0.00	63.56	2.24	ND	ND	--	ND	ND	ND	ND	--	--	
4/15/94	73.29	9.24	0.00	64.05	0.49	--	--	--	--	--	--	--	--	--	Sampled semi-annually
9/14/94	73.29	11.96	0.00	61.33	-2.72	110	ND	--	ND	0.79	ND	0.78	--	--	
2/10/95	73.29	5.74	0.00	67.55	6.22	91	ND	--	ND	ND	ND	ND	--	--	
8/22/95	73.29	11.51	0.00	61.78	-5.77	ND	ND	--	ND	ND	ND	ND	--	--	
2/27/96	73.29	6.52	0.00	66.77	4.99	65	ND	--	ND	ND	ND	ND	--	--	
8/27/96	73.31	11.60	0.00	61.71	--	ND	ND	--	ND	7.8	ND	ND	--	--	
2/20/97	73.31	7.46	0.00	65.85	--	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued															
8/19/97	73.31	11.70	0.00	61.61	-4.24	ND	ND	--	ND	ND	ND	ND	--	--	
2/17/98	73.31	5.34	0.00	67.97	6.36	180	ND	--	ND	ND	ND	ND	--	--	
8/4/98	73.31	11.23	0.00	62.08	-5.89	ND	103	--	ND	ND	ND	ND	ND	--	
2/19/99	73.31	6.12	0.00	67.19	5.11	ND	ND	--	ND	ND	ND	ND	ND	--	
5/19/99	73.31	9.41	0.00	63.90	-3.29	ND	ND	--	ND	ND	ND	ND	ND	--	
8/5/99	73.31	12.22	0.00	61.09	-2.81	ND	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	73.31	10.08	0.00	63.23	2.14	--	--	--	--	--	--	--	--	--	Sampled annually
2/15/00	73.31	7.05	0.00	66.26	3.03	ND	ND	--	ND	ND	ND	ND	ND	--	
5/11/00	73.31	9.41	0.00	63.90	-2.36	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	73.31	12.17	0.00	61.14	-2.76	ND	ND	--	ND	ND	ND	ND	ND	--	
11/27/00	73.31	11.19	0.00	62.12	0.98	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	73.31	9.39	0.00	63.92	1.80	68.7	ND	--	ND	ND	ND	ND	ND	--	
5/11/01	73.31	9.65	0.00	63.66	-0.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	73.31	11.68	0.00	61.63	-2.03	--	--	--	--	--	--	--	--	--	Sampled annually
11/30/01	73.31	9.41	0.00	63.90	2.27	--	--	--	--	--	--	--	--	--	Sampled annually
2/7/02	73.31	7.78	0.00	65.53	1.63	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/02	73.31	10.24	0.00	63.07	-2.46	--	--	--	--	--	--	--	--	--	Sampled annually
8/15/02	73.31	12.44	0.00	60.87	-2.20	--	--	--	--	--	--	--	--	--	Sampled annually
11/14/02	73.31	11.56	0.00	61.75	0.88	--	--	--	--	--	--	--	--	--	Sampled annually
2/13/03	73.31	7.65	0.00	65.66	3.91	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
5/16/03	73.31	7.65	0.00	65.66	0.00	--	--	--	--	--	--	--	--	--	Sampled annually
8/12/03	73.31	11.67	0.00	61.64	-4.02	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	73.31	9.28	0.00	64.03	2.39	--	--	--	--	--	--	--	--	--	Sampled annually
2/24/04	73.31	6.74	0.00	66.57	2.54	130	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.0	Sampled Annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued															
5/6/04	73.31	9.88	0.00	63.43	-3.14	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
8/4/04	73.31	11.98	0.00	61.33	-2.10	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	73.31	12.05	0.00	61.26	-0.07	--	--	--	--	--	--	--	--	--	Sampled annually
MW-10 (Screen Interval in feet: 4.0-19.0)															
8/3/89	--	--	--	--	--	180	61	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	690	13000	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/90	--	--	--	--	--	280	380	--	2.2	3.9	4.2	1.4	--	--	
7/30/90	--	--	--	--	--	620	240	--	0.84	0.68	4.7	1.5	--	--	
10/29/90	--	--	--	--	--	250	180	--	ND	0.56	0.73	0.62	--	--	
1/29/91	--	--	--	--	--	250	130	--	ND	ND	0.39	ND	--	--	
4/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	110	84	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	200	60	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	190	41	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	--	--	
7/28/92	--	--	--	--	--	130	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	310	180	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	72.57	9.90	0.00	62.67	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/93	72.57	11.95	0.00	60.62	-2.05	51	ND	--	ND	ND	ND	ND	--	--	
10/27/93	72.26	13.44	0.00	58.82	-1.80	180	64	--	0.51	0.54	0.54	1.4	--	--	
1/24/94	72.26	11.58	0.00	60.68	1.86	230	130	--	ND	ND	ND	1.2	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued															
4/15/94	72.26	10.19	0.00	62.07	1.39	ND	ND	--	ND	ND	ND	ND	--	--	
9/14/94	72.26	13.45	0.00	58.81	-3.26	200	ND	--	ND	0.75	ND	1.3	--	--	
2/10/95	72.26	6.73	0.00	65.53	6.72	77	ND	--	ND	ND	ND	ND	--	--	
8/22/95	72.26	13.05	0.00	59.21	-6.32	90	ND	--	ND	ND	ND	ND	--	--	
2/27/96	72.26	7.53	0.00	64.73	5.52	670	ND	--	ND	ND	ND	ND	--	--	
8/27/96	72.25	13.15	0.00	59.10	--	170	ND	--	ND	6.1	ND	ND	--	--	
2/20/97	72.25	8.26	0.00	63.99	--	160	ND	--	ND	ND	ND	ND	--	--	
8/19/97	72.25	13.25	0.00	59.00	-4.99	ND	ND	--	ND	ND	ND	ND	--	--	
2/17/98	72.25	6.34	0.00	65.91	6.91	360	ND	--	ND	ND	ND	ND	--	--	
8/4/98	72.25	12.73	0.00	59.52	-6.39	176	ND	--	ND	ND	ND	ND	ND	ND	
2/19/99	72.25	7.37	0.00	64.88	5.36	ND	ND	--	ND	ND	ND	ND	ND	ND	
5/19/99	72.25	10.11	0.00	62.14	-2.74	ND	ND	--	ND	ND	ND	ND	ND	ND	
8/5/99	72.25	13.47	0.00	58.78	-3.36	240	ND	--	ND	ND	ND	ND	ND	ND	
11/24/99	72.25	11.85	0.00	60.40	1.62	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/15/00	72.25	8.15	0.00	64.10	3.70	51	ND	--	ND	ND	ND	ND	16	25	
5/11/00	72.25	10.42	0.00	61.83	-2.27	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	72.25	13.47	0.00	58.78	-3.05	ND	ND	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
11/27/00	72.25	12.65	0.00	59.60	0.82	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	72.25	10.88	0.00	61.37	1.77	220	ND	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
5/11/01	72.25	10.53	0.00	61.72	0.35	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	72.25	13.45	0.00	58.80	-2.92	82	62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/30/01	72.25	11.19	0.00	61.06	2.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/7/02	72.25	8.61	0.00	63.64	2.58	140	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
5/10/02	72.25	11.20	0.00	61.05	-2.59	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued															
8/15/02	72.25	13.64	0.00	58.61	-2.44	130	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	72.25	13.26	0.00	58.99	0.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/03	72.25	8.42	0.00	63.83	4.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
5/16/03	72.25	8.32	0.00	63.93	0.10	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/03	72.25	13.20	0.00	59.05	-4.88	190	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/22/03	72.25	10.88	0.00	61.37	2.32	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
2/24/04	72.25	7.76	0.00	64.49	3.12	98	--	250	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	260	
5/6/04	72.25	10.81	0.00	61.44	-3.05	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
8/4/04	72.23	12.84	0.00	59.39	-2.05	390	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	70	
11/10/04	72.23	13.03	0.00	59.20	-0.19	350	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	
MW-11 (Screen Interval in feet: 4.0-20.0)															
8/3/89	--	--	--	--	--	540	77	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	420	20000	--	ND	ND	ND	ND	--	--	
1/26/90	--	--	--	--	--	5100	1500	--	2.0	1.4	0.83	3.0	--	--	
4/30/90	--	--	--	--	--	1200	120	--	ND	0.8	ND	ND	--	--	
7/30/90	--	--	--	--	--	3100	2900	--	ND	1.4	1.2	1.7	--	--	
10/29/90	--	--	--	--	--	--	290	--	ND	ND	0.31	ND	--	--	
1/29/91	--	--	--	--	--	21000	3800	--	ND	ND	0.36	0.31	--	--	
4/26/91	--	--	--	--	--	2600	ND	--	ND	ND	ND	ND	--	--	
7/19/91	--	--	--	--	--	310	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	140	ND	--	ND	ND	ND	ND	--	--	
1/21/92	--	--	--	--	--	2600	150	--	ND	ND	ND	ND	--	--	
4/24/92	--	--	--	--	--	160	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11	continued														
7/28/92	--	--	--	--	--	520	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	340	63	--	ND	ND	ND	ND	--	--	
1/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/93	74.26	10.48	0.00	63.78	--	830	120	--	ND	ND	ND	ND	--	--	
7/29/93	74.26	12.13	0.00	62.13	-1.65	2000	ND	--	ND	ND	ND	ND	--	--	
10/27/93	73.83	14.20	0.00	59.63	-2.50	840	100	--	ND	ND	ND	ND	--	--	Sheen
1/24/94	73.83	11.84	0.00	61.99	2.36	6100	360	--	ND	0.52	ND	1.3	--	--	
4/15/94	73.83	10.61	0.00	63.22	1.23	16000	660	--	ND	ND	ND	ND	--	--	Sheen
9/14/94	73.83	14.16	0.00	59.67	-3.55	15000	1000	--	ND	ND	ND	ND	--	--	
2/10/95	73.83	6.72	0.00	67.11	7.44	2100	100	--	ND	ND	ND	ND	--	--	
8/22/95	73.83	13.60	0.00	60.23	-6.88	560	150	--	ND	ND	ND	ND	--	--	
2/27/96	73.83	7.53	0.00	66.30	6.07	5300	320	--	ND	ND	ND	ND	--	--	Sheen
8/27/96	73.77	13.62	0.00	60.15	--	4200	ND	--	ND	ND	ND	ND	--	--	
2/20/97	73.77	8.56	0.00	65.21	--	55000	ND	--	ND	ND	ND	ND	--	--	
8/19/97	73.77	13.78	0.00	59.99	-5.22	68000	13000	--	ND	ND	ND	ND	--	--	Sheen
2/17/98	73.77	6.30	0.00	67.47	7.48	280	ND	--	ND	ND	ND	ND	--	--	Sheen
8/4/98	73.77	13.33	0.00	60.44	-7.03	1280	992	--	ND	ND	ND	ND	ND	ND	Sheen
2/19/99	73.77	7.20	0.00	66.57	6.13	130	ND	--	ND	ND	ND	ND	ND	ND	Sheen
5/19/99	73.77	10.75	0.00	63.02	-3.55	ND	ND	--	ND	ND	ND	ND	ND	ND	
8/5/99	73.77	14.09	0.00	59.68	-3.34	3300	ND	--	ND	ND	ND	ND	ND	ND	
11/24/99	73.77	11.83	0.00	61.94	2.26	410000	280	--	0.50	0.59	ND	1.3	ND	ND	Sheen
2/15/00	73.77	8.22	0.00	65.55	3.61	54000	2500	--	ND	ND	ND	ND	84	41	Sheen
5/11/00	73.77	11.00	0.00	62.77	-2.78	39000	4400	--	ND	ND	ND	ND	ND	ND	Sheen
8/9/00	73.77	14.15	0.00	59.62	-3.15	8600	210	--	ND	ND	ND	ND	ND	ND	Sheen

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued															
11/27/00	73.77	13.08	0.00	60.69	1.07	1500000	230000	--	ND	ND	ND	ND	ND	--	--
2/14/01	73.77	11.09	0.00	62.68	1.99	10100	2300	--	ND	ND	ND	ND	ND	--	--
5/11/01	73.77	11.07	0.00	62.70	0.02	340000	25000	--	ND	ND	ND	ND	ND	--	--
8/9/01	73.77	14.11	0.00	59.66	-3.04	10000	850	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
11/30/01	73.77	11.29	0.00	62.48	2.82	42000	4100	--	ND<0.50	0.64	ND<0.50	ND<0.50	ND<2.5	--	--
2/7/02	73.77	9.00	0.00	64.77	2.29	2600	1300	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
5/10/02	73.77	11.89	0.00	61.88	-2.89	140000	5400	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	--
8/15/02	73.77	14.45	0.00	59.32	-2.56	32000	1100	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<12	--	--
11/14/02	73.77	13.96	0.00	59.81	0.49	--	19000	--	ND<50	ND<50	ND<50	ND<50	ND<250	--	--
2/13/03	73.77	8.78	0.00	64.99	5.18	3400	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
5/16/03	73.77	8.80	0.00	64.97	-0.02	22000	74	--	ND<0.50	ND<0.50	ND<0.50	0.54	ND<2.5	--	--
8/12/03	73.77	13.88	0.00	59.89	-5.08	2000	--	880	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<2.5	--	ND<20
12/22/03	73.77	10.93	0.00	62.84	2.95	69000	--	4000	--	--	--	--	--	--	--
2/24/04	73.77	7.81	0.00	65.96	3.12	130	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	--
5/6/04	73.77	11.40	0.00	62.37	-3.59	900	--	ND<50	--	--	--	--	--	--	--
8/4/04	73.76	13.35	0.00	60.41	-1.96	4400	--	680	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.93	--
11/10/04	73.76	13.62	0.00	60.14	-0.27	6400	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	--
MW-12 (Screen Interval in feet: 4.0-19.0)															
5/8/96	72.96	10.20	0.00	62.76	--	220	ND	--	ND	ND	ND	ND	--	--	--
8/28/96	72.96	13.72	0.00	59.24	--	ND	ND	--	ND	7.0	ND	ND	--	--	--
2/20/97	72.96	8.87	0.00	64.09	4.85	61	ND	--	ND	ND	ND	ND	--	--	--
8/19/97	72.96	13.83	0.00	59.13	-4.96	58	ND	--	ND	ND	ND	ND	--	--	--
2/17/98	72.96	6.88	0.00	66.08	6.95	1000	ND	--	ND	ND	ND	ND	--	--	--
8/4/98	72.96	13.31	0.00	59.65	-6.43	80.8	ND	--	ND	ND	ND	ND	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through November 2004
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 continued															
2/19/99	72.96	7.79	0.00	65.17	5.52	ND	ND	--	ND	ND	ND	ND	ND	--	--
5/19/99	72.96	10.69	0.00	62.27	-2.90	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/5/99	72.96	14.03	0.00	58.93	-3.34	57	ND	--	ND	ND	ND	ND	ND	--	--
11/24/99	72.96	12.33	0.00	60.63	1.70	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/15/00	72.96	8.65	0.00	64.31	3.68	ND	ND	--	ND	ND	ND	ND	ND	--	--
5/11/00	72.96	11.00	0.00	61.96	-2.35	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/00	72.96	14.04	0.00	58.92	-3.04	ND	ND	--	ND	ND	ND	ND	6.9	5.5	Sampled semi-annually
11/27/00	72.96	13.22	0.00	59.74	0.82	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/14/01	72.96	11.33	0.00	61.63	1.89	69.9	ND	--	ND	ND	ND	ND	ND	--	Sampled semi-annually
5/11/01	72.96	11.11	0.00	61.85	0.22	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/01	72.96	13.97	0.00	58.99	-2.86	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/30/01	72.96	11.42	0.00	61.54	2.55	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/7/02	72.96	9.27	0.00	63.69	2.15	97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
5/10/02	72.96	11.84	0.00	61.12	-2.57	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/02	72.96	14.24	0.00	58.72	-2.40	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/14/02	72.96	13.99	0.00	58.97	0.25	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/03	72.96	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - car parked over well
5/16/03	72.96	8.96	0.00	64.00	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/03	72.96	13.70	0.00	59.26	-4.74	1200	--	190	ND<0.50	2.7	1.0	7.1	--	ND<2.0	Sampled semi-annually
12/22/03	72.96	11.29	0.00	61.67	2.41	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
2/24/04	72.96	8.23	0.00	64.73	3.06	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored only, sampled semi-annually
5/6/04	72.96	11.42	0.00	61.54	-3.19	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
8/4/04	72.96	13.46	0.00	59.50	-2.04	ND<50	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Monitored only, sampled semi-annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1989 Through November 2004

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 11/10/04	72.96	13.20	0.00	59.76	0.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl- benzene (µg/l)	n-Butyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon- Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-1															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
5/19/99	--	--	--	--	--	--	0.18	0.21	--	--	--	--	--	--	--
8/5/99	--	--	--	--	--	--	3.70	2.35	--	--	--	--	--	--	--
2/15/00	--	--	--	--	--	--	3.85	3.76	--	--	--	--	--	--	34
8/9/00	--	--	--	--	--	--	4.09	4.48	--	--	--	5.5	--	--	180
5/6/04	--	--	--	--	--	--	4.63	--	--	--	--	--	--	--	155
8/4/04	--	--	--	--	--	--	4.63	--	--	--	--	--	--	--	14
MW-2															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--
5/19/99	--	--	--	--	--	--	0.28	0.32	--	--	--	--	--	--	--
8/5/99	--	--	--	--	--	--	6.37	6.86	9.2	9.2	15	2.0	--	--	66.1
2/15/00	--	--	--	--	--	--	7.87	8.05	--	--	--	--	--	--	213
8/9/00	--	--	--	--	--	--	6.58	6.52	--	--	--	ND	--	--	254
2/24/04	--	--	--	--	--	--	7.49	--	--	--	--	35	--	--	174
5/6/04	--	--	--	--	--	--	6.32	--	--	--	--	--	--	--	163
8/4/04	--	--	--	--	--	--	4.26	--	--	--	--	--	--	--	10
MW-3															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	110	--	--
5/19/99	--	--	--	--	--	--	0.28	0.38	--	--	--	--	--	--	--
8/5/99	--	--	--	--	--	--	5.30	5.11	--	--	--	--	--	--	--
2/15/00	--	--	--	--	--	--	6.50	6.40	--	--	--	--	--	--	213
8/9/00	--	--	--	--	--	--	4.88	5.05	--	--	--	ND	--	--	248
2/24/04	--	--	--	--	--	--	3.19	--	--	--	--	50	--	--	173
5/6/04	--	--	--	--	--	--	3.75	--	--	--	--	--	--	--	165
8/4/04	--	--	--	--	--	--	4.21	--	--	--	--	--	--	--	10
11/10/04	--	--	--	--	--	--	3.20	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl- benzene (µg/l)	n-Butyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon- Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-4															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
5/19/99	--	--	--	--	--	--	0.18	0.17	ND	ND	2.6	1.7	--	--	68.5
8/5/99	--	--	--	--	--	--	1.22	1.30	ND	ND	2.3	4.2	--	--	48.2
11/24/99	--	--	--	--	--	--	3.81	4.55	ND	ND	5.7	16	--	--	474
2/15/00	--	--	--	--	--	--	6.21	5.76	43	43	11	--	--	--	56
5/11/00	--	--	--	--	--	--	4.90	4.01	ND	ND	2.7	5.2	--	--	94
8/9/00	13	34	3.0	40	67	4.8	3.22	3.09	ND	ND	4.5	8.9	--	--	34
11/27/00	--	--	--	--	--	--	2.75	2.70	ND	ND	7.4	ND	--	--	46
2/14/01	--	--	--	--	--	--	6.8	3.2	ND	ND	13	22	--	--	63
5/11/01	--	--	--	--	--	--	5.2	3.4	0.206	0.206	5.3	7.5	--	--	44
8/9/01	--	--	--	--	--	--	6.4	3.3	ND<1.0	ND<1.0	3.3	12	--	--	54
11/30/01	--	--	--	--	--	--	5.7	3.4	0.330	0.330	12	21	--	--	55
2/7/02	--	--	--	--	--	--	2.5	3.3	ND<0.200	ND<0.200	8.200	11	--	--	63
5/10/02	--	--	--	--	--	--	1.1	--	0.270	0.270	4.600	18	--	--	61
8/15/02	--	--	--	--	--	--	2.6	--	ND<0.89	ND<0.89	1.7	20	--	--	-15
11/14/02	--	--	--	--	--	--	1.6	--	ND<0.20	ND<0.20	3.1	27	--	--	106
2/13/03	--	--	--	--	--	--	1.4	--	ND<0.20	ND<0.20	8.8	11	--	--	18
5/16/03	--	--	--	--	--	--	1.4	--	2	2	15	13	--	--	55
8/12/03	--	--	--	--	--	--	1.3	--	ND<1.0	ND<1.0	1.3	39	--	--	30
5/6/04	--	--	--	--	--	--	4.51	--	--	--	--	--	--	--	10
8/4/04	--	--	--	--	--	--	4.64	--	--	--	5.1	--	--	3.3	9
11/10/04	--	--	--	--	--	--	1.48	--	--	--	--	--	--	--	--
MW-5															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	170	--	--
5/19/99	--	--	--	--	--	--	0.32	0.38	--	--	--	--	--	--	--
8/5/99	--	--	--	--	--	--	6.94	4.31	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl- benzene (µg/l)	n-Butyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon- Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-5 continued															
2/15/00	--	--	--	--	--	--	--	9.11	8.96	--	--	--	--	--	129
8/9/00	--	--	--	--	--	--	--	6.45	4.90	--	--	5.7	--	--	94
5/6/04	--	--	--	--	--	--	--	3.29	--	--	--	--	--	--	166
MW-6															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
5/19/99	--	--	--	--	--	--	--	0.32	0.32	--	--	--	--	--	--
8/5/99	--	--	--	--	--	--	--	5.11	5.10	--	--	--	--	--	--
2/15/00	--	--	--	--	--	--	--	6.23	5.90	--	--	--	--	--	203
8/9/00	--	--	--	--	--	--	--	7.06	6.84	--	--	ND	--	--	266
2/24/04	--	--	--	--	--	--	--	2.19	--	--	--	60	--	--	170
5/6/04	--	--	--	--	--	--	--	1.59	--	--	--	--	--	--	210
MW-7															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--
5/19/99	--	--	--	--	--	--	--	0.38	0.51	2.9	12	1.6	--	--	50.1
2/15/00	--	--	--	--	--	--	--	7.95	8.56	9.4	12	--	--	--	228
2/14/01	--	--	--	--	--	--	--	6.4	7.3	7.3	14	12	--	--	294
2/7/02	--	--	--	--	--	--	--	6.5	6.8	3.400	13.000	ND<10	--	--	233
2/13/03	--	--	--	--	--	--	--	5.6	--	5.0	14	ND<10	--	--	85
2/24/04	--	--	--	--	--	--	--	5.57	--	--	--	35	--	--	223
5/6/04	--	--	--	--	--	--	--	5.34	--	--	--	--	--	--	209
MW-8															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
5/19/99	--	--	--	--	--	--	--	0.04	0.10	ND	2.9	2.1	--	--	13.1
8/5/99	--	--	--	--	--	--	--	0.57	2.00	ND	7.6	3.6	--	--	48.8
11/24/99	--	--	--	--	--	--	--	4.87	5.21	ND	13	17	--	--	523
2/15/00	--	--	--	--	--	--	--	4.94	3.52	4.1	5.0	--	--	--	6

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl- benzene (µg/l)	n-Butyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon- Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-8 continued															
5/11/00	--	--	--	--	--	--	--	5.56	2.92	ND	1.2	6.2	--	--	77
8/9/00	--	--	--	9.3	--	--	--	2.45	2.44	ND	9.4	7.5	--	--	52
11/27/00	--	--	--	--	--	--	--	1.95	2.16	ND	11	5.3	--	--	64
2/14/01	--	--	--	--	--	--	--	4.1	3.2	ND	7.1	20	--	--	62
5/11/01	--	--	--	--	--	--	--	4.1	3.4	ND	11	9.5	--	--	61
8/9/01	--	--	--	--	--	--	--	5.5	4.8	ND<1.0	8.8	10	--	--	55
11/30/01	--	--	--	--	--	--	--	5.4	5.0	ND<0.200	16	16	--	--	49
2/7/02	--	--	--	--	--	--	--	2.5	3.0	0.540	6.500	13	--	--	57
5/10/02	--	--	--	--	--	--	--	1.3	--	ND<0.200	4.400	12	--	--	81
8/15/02	--	--	--	--	--	--	--	2.6	--	ND<0.89	8.2	12	--	--	2
11/14/02	--	--	--	--	--	--	--	1.6	--	ND<0.20	29	20	--	--	170
2/13/03	--	--	--	--	--	--	--	1.5	--	0.33	3.4	11	--	--	-15
5/16/03	--	--	--	--	--	--	--	1.0	--	ND<1	5.9	ND<10	--	--	60
8/12/03	--	--	--	--	--	--	--	1.4	--	ND<1.0	5.7	35	--	--	50
2/24/04	--	--	--	--	--	--	--	1.24	--	--	--	95	--	--	1
5/6/04	--	--	--	--	--	--	--	5.02	--	--	--	--	--	--	-55
8/4/04	--	--	--	--	--	--	--	4.68	--	--	--	--	--	--	-83
11/10/04	--	--	--	--	--	--	--	2.08	--	--	--	--	--	--	--
MW-9															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
5/19/99	--	--	--	--	--	--	--	0.82	0.84	--	--	--	--	--	43.9
8/5/99	--	--	--	--	--	--	--	10.01	2.15	--	--	--	--	--	--
2/15/00	--	--	--	--	--	--	--	8.01	6.36	--	--	--	--	--	209
8/9/00	--	--	--	--	--	--	--	6.11	4.69	--	--	6.2	--	--	221
2/24/04	--	--	--	--	--	--	--	4.14	--	--	--	50	--	--	164
5/6/04	--	--	--	--	--	--	--	3.92	--	--	--	--	--	--	146

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-10															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--
5/19/99	--	--	--	--	--	--	--	0.63	0.65	3.3	12	2.2	--	--	19.1
8/5/99	--	--	--	--	--	--	--	3.06	1.45	ND	7.9	3.6	--	--	55.2
2/15/00	--	--	--	--	--	--	--	6.28	8.14	8.2	14	--	--	--	225
8/9/00	--	--	--	--	--	--	--	2.82	3.53	ND	10	6.4	--	--	106
2/14/01	--	--	--	--	--	--	--	3.7	4.7	ND	12	15	--	--	168
8/9/01	--	--	--	--	--	--	--	3.4	4.4	ND<1.0	11	12	--	--	154
2/7/02	--	--	--	--	--	--	--	4.5	5.6	1.100	13.000	13	--	--	170
8/15/02	--	--	--	--	--	--	--	2.5	--	ND<0.89	9.7	13	--	--	-15
2/13/03	--	--	--	--	--	--	--	4.6	--	2.2	17	ND<10	--	--	81
8/12/03	--	--	--	--	--	--	--	2.1	--	ND<1.0	12	35	--	--	151
2/24/04	--	--	--	--	--	--	--	5.93	--	--	15	45	--	ND<0.20	181
5/6/04	--	--	--	--	--	--	--	5.13	--	--	--	--	--	--	179
8/4/04	--	--	--	--	--	--	--	0.00531	--	ND<1.0	11	--	--	1.4	-40
11/10/04	--	--	--	--	--	--	--	2.32	--	--	--	--	--	--	--
MW-11															
8/22/95	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--
5/19/99	--	--	--	--	--	--	--	0.22	0.20	3.9	11	1.9	--	--	66.7
8/5/99	--	--	--	--	--	--	--	1.16	2.08	ND	9.6	3.3	--	--	46.3
11/24/99	--	--	--	--	--	--	--	5.71	6.33	5.0	11	11	--	--	533
2/15/00	--	--	--	--	--	--	--	6.08	6.66	6.4	10	--	--	--	185
5/11/00	--	--	--	--	--	--	--	6.93	5.77	ND	9.6	ND	--	--	173
8/9/00	--	--	--	--	--	--	--	2.64	3.56	ND	8.0	6.4	--	--	58
11/27/00	--	--	--	--	--	--	--	3.14	3.51	ND	7.9	6.7	--	--	89
2/14/01	--	--	--	--	--	--	--	5.9	6.9	ND	10	9.3	--	--	264
5/11/01	--	--	--	--	--	--	--	5.5	6.7	0.504	12	9.0	--	--	258

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl- benzene (µg/l)	n-Butyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon- Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-11 continued															
8/9/01	--	--	--	--	--	--	--	3.9	5.3	ND<1.0	2.8	11	--	--	268
11/30/01	--	--	--	--	--	--	--	5.1	6.4	1.600	12	13	--	--	189
2/7/02	--	--	--	--	--	--	--	3.9	4.8	0.990	11.000	13	--	--	266
5/10/02	--	--	--	--	--	--	--	1.7	--	0.320	7.500	14	--	--	30
8/15/02	--	--	--	--	--	--	--	2.8	--	ND<0.89	2.6	13	--	--	-31
11/14/02	--	--	--	--	--	--	--	1.1	--	ND<0.20	13	22	--	--	126
2/13/03	--	--	--	--	--	--	--	2.4	--	1.9	14	ND<10	--	--	61
5/16/03	--	--	--	--	--	--	--	3.8	--	ND<1	98	ND<10	--	--	220
8/12/03	--	--	--	--	--	--	--	1.9	--	ND<1.0	4.6	36	--	--	56
2/24/04	--	--	--	--	--	--	--	2.81	--	--	13	50	--	ND<0.20	202
5/6/04	--	--	--	--	--	--	--	6.67	--	--	--	--	--	--	46
8/4/04	--	--	--	--	--	--	--	5.76	--	ND<1.0	5.2	--	--	2.5	-31
11/10/04	--	--	--	--	--	--	--	1.64	--	--	--	--	--	--	--
MW-12															
5/19/99	--	--	--	--	--	--	--	0.35	0.28	--	--	--	--	--	11.3
8/5/99	--	--	--	--	--	--	--	6.80	5.41	9.1	29	1.0	--	--	24.8
2/15/00	--	--	--	--	--	--	--	8.20	8.57	9.3	25	--	--	--	239
8/9/00	--	--	--	--	--	--	--	7.19	6.58	8.2	21	ND	--	--	152
2/14/01	--	--	--	--	--	--	--	8.8	7.4	7.0	18	5.4	--	--	285
8/9/01	--	--	--	--	--	--	--	6.8	6.1	10	20	5.0	--	--	266
2/7/02	--	--	--	--	--	--	--	9.0	8.9	2.700	13.000	ND<10	--	--	244
8/15/02	--	--	--	--	--	--	--	1.9	--	8.8	19	15	--	--	52
8/12/03	--	--	--	--	--	--	--	1.2	--	8.8	21	26	--	--	283
2/24/04	--	--	--	--	--	--	--	6.13	--	--	19	30	--	ND<0.20	187
5/6/04	--	--	--	--	--	--	--	5.27	--	--	--	--	--	--	210
8/4/04	--	--	--	--	--	--	--	5.48	--	8.0	19	--	--	ND<0.20	-61

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenan- threne (µg/l)	Mang (mg/l)	TPH-MO (µg/l)	TOG (mg/l)	Dissolved Iron (mg/l)	D- Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-1												
5/19/99	--	--	--	--	--	--	--	--	--	750	--	--
8/9/00	--	ND	--	--	--	--	--	--	--	--	--	--
8/4/04	--	--	--	--	--	--	--	--	--	--	--	50
MW-2												
2/7/89	--	--	--	--	--	--	350	--	--	--	--	--
8/3/89	--	--	--	--	--	--	ND	--	--	--	--	--
10/26/89	--	--	--	--	--	--	ND	--	--	--	--	--
1/26/90	--	--	--	--	--	--	ND	--	--	--	--	--
4/30/90	--	--	--	--	--	--	0.0069	--	--	--	--	--
7/30/90	--	--	--	--	--	--	ND	--	--	--	--	--
10/29/90	--	--	--	--	--	--	ND	--	--	--	--	--
1/29/91	--	--	--	--	--	--	ND	--	--	--	--	--
4/26/91	--	--	--	--	--	--	ND	--	--	--	--	--
7/19/91	--	--	--	--	--	--	ND	--	--	--	--	--
8/5/99	--	ND	--	--	--	--	--	0.039	ND	--	--	--
8/9/00	--	ND	--	--	--	--	--	--	--	--	--	--
2/24/04	6.51	--	--	--	--	--	--	--	--	--	--	--
8/4/04	--	--	--	--	--	--	--	--	--	--	--	30
MW-3												
8/9/00	--	ND	--	--	--	--	--	--	--	--	--	--
2/24/04	6.10	--	--	--	--	--	--	--	--	--	--	--
8/4/04	--	--	--	--	--	--	--	--	--	--	--	30
11/10/04	5.48	--	--	--	--	--	--	--	--	--	57	15
MW-4												
5/19/99	--	120	--	--	--	--	--	5.0	0.67	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenan- threne (µg/l)	Mang (mg/l)	TPH-MO (µg/l)	TOG (mg/l)	Dissolved Iron (mg/l)	D- Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-4 continued												
8/5/99	--	ND	--	--	--	--	--	6.2	0.77	--	--	--
11/24/99	--	ND	--	--	--	--	--	2.68	1.21	--	--	--
2/15/00	--	ND	--	--	--	--	--	1.30	0.213	--	--	--
5/11/00	--	ND	--	--	--	--	--	4.0	0.470	--	--	--
8/9/00	--	ND	36	26	--	--	--	1.2	0.99	--	--	--
11/27/00	--	ND	--	--	--	--	--	1.49	0.326	--	--	--
2/14/01	--	ND	--	--	--	--	--	0.724	0.988	--	--	--
5/11/01	--	ND	--	--	--	--	--	2.68	0.874	--	--	--
8/9/01	--	ND<1000	--	--	--	--	--	6.0	0.87	--	--	--
11/30/01	--	ND<1000	--	--	--	--	--	11.000	1.600	--	--	--
2/7/02	--	ND<2000	--	--	--	--	--	10.000	0.860	--	--	--
5/10/02	--	ND<2000	--	--	--	--	--	2.500	0.870	--	--	--
8/15/02	--	ND<2000	--	--	--	--	--	0.89	1.0	--	--	--
11/14/02	--	ND<2000	--	--	--	--	--	4.9	1.3	--	--	--
2/13/03	--	ND<2000	--	--	--	--	--	7.0	1.0	--	--	--
5/16/03	--	ND<2000	--	--	--	--	--	8.1	0.39	--	--	--
8/12/03	--	21	--	--	--	--	--	13	1.0	--	--	--
5/6/04	--	--	--	--	--	--	--	--	--	--	--	30
8/4/04	--	0.12	--	--	0.86	--	--	--	--	--	--	25
11/10/04	5.48	--	--	--	--	--	--	--	--	--	11	50
MW-5												
8/9/00	--	ND	--	--	--	--	--	--	--	--	--	--
MW-6												
8/9/00	--	ND	--	--	--	--	--	--	--	--	--	--
2/24/04	6.02	--	--	--	--	--	--	--	--	--	--	--
MW-7												

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenanthrene (µg/l)	Mang (mg/l)	TPH-MO (µg/l)	TOG (mg/l)	Dissolved Iron (mg/l)	D-Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-7 continued												
5/19/99	--	ND	--	--	--	260	--	1.7	0.063	--	--	--
2/15/00	--	ND	--	--	--	--	--	0.580	0.0108	--	--	--
2/14/01	--	ND	--	--	--	--	--	0.324	0.0195	--	--	--
2/7/02	--	ND<2000	--	--	--	--	--	ND<0.300	ND<0.010	--	--	--
2/13/03	--	ND<2000	--	--	--	--	--	0.15	0.011	--	--	--
2/24/04	5.78	--	--	--	--	--	--	--	--	--	--	--
MW-8												
5/19/99	--	98	--	--	--	--	--	6.8	1.4	8400	--	--
8/5/99	--	ND	--	--	--	--	--	5.9	0.95	--	--	--
11/24/99	--	ND	--	--	--	--	--	7.40	1.88	--	--	--
2/15/00	--	ND	--	--	--	--	--	4.00	1.22	--	--	--
5/11/00	--	ND	--	--	--	--	--	5.9	1.20	--	--	--
8/9/00	--	ND	--	--	--	--	--	1.1	0.80	--	--	--
11/27/00	--	ND	--	--	--	--	--	2.45	1.02	--	--	--
2/14/01	--	ND	--	--	--	--	--	0.140	0.978	--	--	--
5/11/01	--	ND	--	--	--	--	--	5.72	1.21	--	--	--
8/9/01	--	ND<1000	--	--	--	--	--	3.5	0.94	--	--	--
11/30/01	--	ND<1000	--	--	--	--	--	8.900	1.700	--	--	--
2/7/02	--	ND<2000	--	--	--	--	--	8.600	1.900	--	--	--
5/10/02	--	ND<2000	--	--	--	--	--	4.900	1.400	--	--	--
8/15/02	--	ND<2000	--	--	--	--	--	ND<0.050	0.76	--	--	--
11/14/02	--	ND<2000	--	--	--	--	--	0.24	1.4	--	--	--
2/13/03	--	ND<2000	--	--	--	--	--	14	2.4	--	--	--
5/16/03	--	ND<2000	--	--	--	--	--	7.1	1.4	--	--	--
8/12/03	--	ND<10	--	--	--	--	--	8.5	1.0	--	--	--
2/24/04	7.42	--	--	--	--	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenanthrene (µg/l)	Mang (mg/l)	TPH-MO (µg/l)	TOG (mg/l)	Dissolved Iron (mg/l)	D-Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-8 continued												
5/6/04	--	--	--	--	--	--	--	--	--	--	--	50
8/4/04	--	--	--	--	--	--	--	--	--	--	--	50
11/10/04	4.91	--	--	--	--	--	--	--	--	--	68	95
MW-9												
8/9/00	--	ND	--	--	--	--	--	--	--	--	--	--
2/24/04	7.11	--	--	--	--	--	--	--	--	--	--	--
MW-10												
1/27/93	--	--	--	--	--	--	ND	--	--	--	--	--
5/19/99	--	ND	--	--	--	--	--	0.046	0.033	--	--	--
8/5/99	--	ND	--	--	--	--	--	0.17	0.84	--	--	--
2/15/00	--	ND	--	--	--	--	--	0.0820	0.0176	--	--	--
8/9/00	--	ND	--	--	--	--	--	0.63	1.0	--	--	--
2/14/01	--	ND	--	--	--	--	--	1.26	0.691	--	--	--
8/9/01	--	ND<1000	--	--	--	--	--	1.6	1.3	--	--	--
2/7/02	--	ND<2000	--	--	--	--	--	ND<0.300	0.019	--	--	--
8/15/02	--	ND<2000	--	--	--	--	--	ND<0.050	1.1	--	--	--
2/13/03	--	ND<2000	--	--	--	--	--	3.4	0.33	--	--	--
8/12/03	--	ND<10	--	--	--	--	--	2.9	1.3	--	--	--
2/24/04	7.09	ND<0.01	--	--	0.15	--	--	--	--	--	--	--
8/4/04	--	0.013	--	--	1.1	--	--	--	--	--	--	35
11/10/04	5.41	--	--	--	--	--	--	--	--	--	41	50
MW-11												
5/19/99	--	30	--	--	--	--	--	ND	0.011	2700	--	--
8/5/99	--	ND	--	--	--	--	--	0.85	0.26	--	--	--
11/24/99	--	ND	--	--	--	--	--	1.60	0.394	--	--	--
2/15/00	--	ND	--	--	--	--	--	0.120	ND	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenan- threne (µg/l)	Mang (mg/l)	TPH-MO (µg/l)	TOG (mg/l)	Dissolved Iron (mg/l)	D- Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-11 continued												
5/11/00	--	6800	--	--	--	--	--	0.27	0.0140	--	--	--
8/9/00	--	ND	--	--	--	--	--	0.93	0.56	--	--	--
11/27/00	--	ND	--	--	--	--	--	2.62	0.973	--	--	--
2/14/01	--	ND	--	--	--	--	--	0.0613	0.0573	--	--	--
5/11/01	--	ND	--	--	--	--	--	0.0882	0.0244	--	--	--
8/9/01	--	ND<1000	--	--	--	--	--	1.5	0.63	--	--	--
11/30/01	--	ND<1000	--	--	--	--	--	0.790	0.210	--	--	--
2/7/02	--	ND<2000	--	--	--	--	--	ND<0.300	ND<0.010	--	--	--
5/10/02	--	ND<2000	--	--	--	--	--	ND<0.300	0.024	--	--	--
8/15/02	--	ND<2000	--	--	--	--	--	ND<0.050	0.76	--	--	--
11/14/02	--	ND<2000	--	--	--	--	--	0.024	1.0	--	--	--
2/13/03	--	ND<2000	--	--	--	--	--	0.28	0.011	--	--	--
5/16/03	--	ND<2000	--	--	--	--	--	ND<0.30	ND<0.010	--	--	--
8/12/03	--	ND<10	--	--	--	--	--	2.8	0.53	--	--	--
2/24/04	6.78	ND<0.01	--	--	ND<0.005	--	--	--	--	--	--	--
5/6/04	--	--	--	--	--	--	--	--	--	--	--	15
8/4/04	--	0.045	--	--	0.67	--	--	--	--	--	--	65
11/10/04	5.67	--	--	--	--	--	--	--	--	--	2	55
MW-12												
8/5/99	--	ND	--	--	--	--	--	0.48	ND	--	--	--
2/15/00	--	ND	--	--	--	--	--	6.30	0.0765	--	--	--
8/9/00	--	ND	--	--	--	--	--	0.62	0.015	--	--	--
2/14/01	--	ND	--	--	--	--	--	1.33	0.0220	--	--	--
8/9/01	--	ND<1000	--	--	--	--	--	0.93	0.031	--	--	--
2/7/02	--	ND<2000	--	--	--	--	--	ND<0.300	ND<0.010	--	--	--
8/15/02	--	ND<2000	--	--	--	--	--	ND<0.050	ND<0.010	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

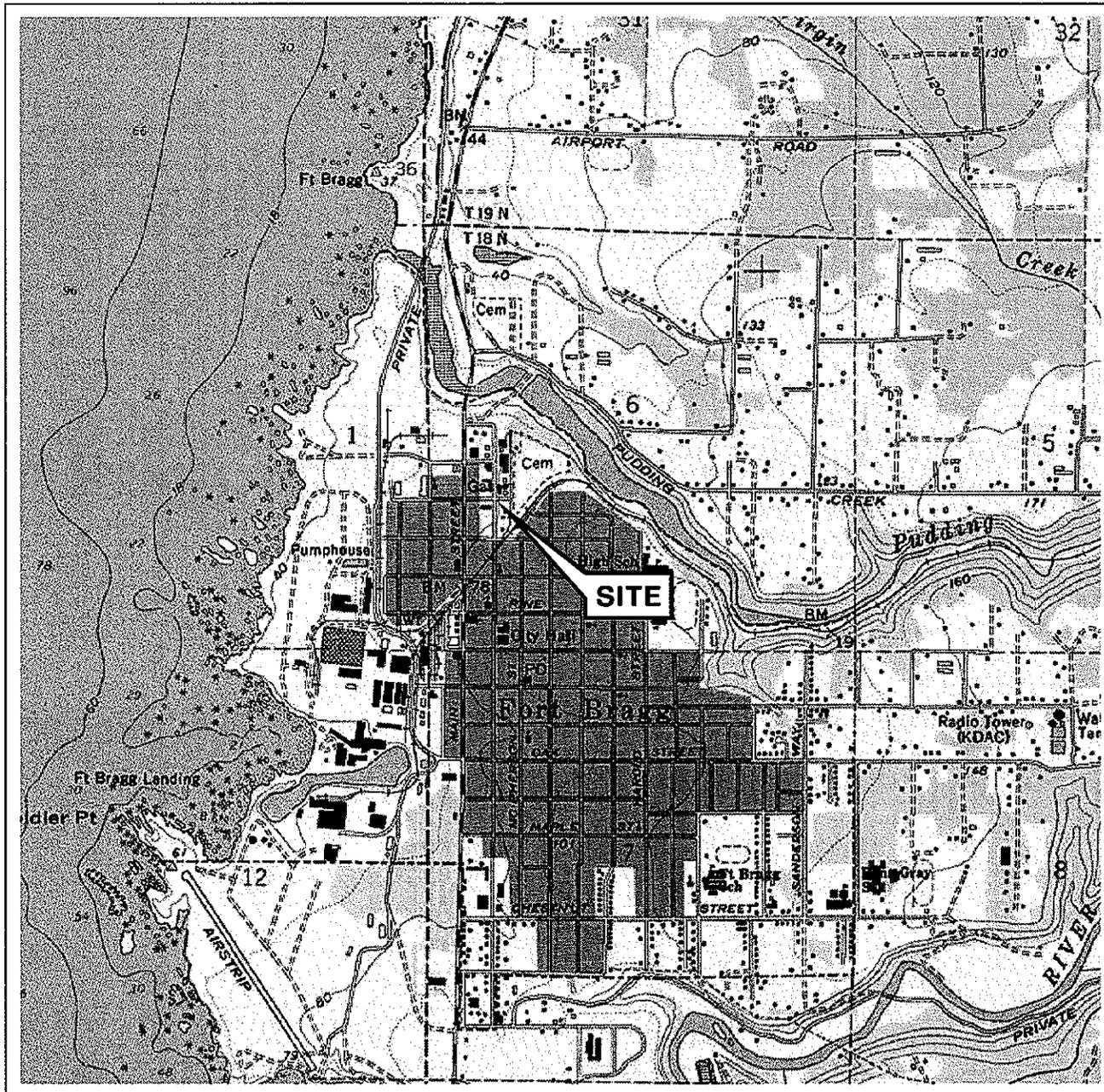
Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Mang (mg/l)	TPH-MO (µg/l)	TOG (mg/l)	Dissolved Iron (mg/l)	D- Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-12	continued											
8/12/03	--	ND<10	--	--	--	--	--	0.30	0.0080	--	--	--
2/24/04	6.86	ND<0.01	--	--	ND<0.005	--	--	--	--	--	--	--
8/4/04	--	ND<0.010	--	--	ND<0.0050	--	--	--	--	--	--	45

Bulk Plant 0220

**Table 4
Headspace Measurements**

Well Name	Date	Percent Carbon Dioxide	Percent Oxygen	Organic Vapors (ppm)
MW-1	08/04/04	0.20	20.50	0.00
MW-2	05/06/04	0.00	20.90	0.00
MW-2	08/04/04	0.00	20.70	0.00
MW-3	05/06/04	0.00	20.60	0.90
MW-3	08/04/04	0.00	20.40	0.00
MW-3	11/10/04	1.00	20.30	3.00
MW-4	05/06/04	0.00	20.60	1.50
MW-4	08/04/04	0.00	20.50	0.00
MW-4	11/10/04	0.00	20.80	13.30
MW-5	05/06/04	0.30	20.30	0.00
MW-6	05/06/04	0.90	20.20	0.00
MW-7	05/06/04	0.20	20.20	0.00
MW-8	05/06/04	0.00	20.90	71.10
MW-8	08/04/04	0.00	20.70	0.00
MW-8	11/10/04	0.10	20.90	12.20
MW-9	05/06/04	0.30	20.40	0.00
MW-10	05/06/04	0.20	20.10	0.00
MW-10	08/04/04	0.10	20.20	0.00
MW-10	11/10/04	1.30	0.90	6.90
MW-11	05/06/04	0.00	20.70	0.00
MW-11	08/04/04	0.00	20.40	0.00
MW-11	11/10/04	0.20	21.00	4.20
MW-12	05/06/04	1.30	19.60	0.00
MW-12	08/04/04	0.10	20.20	0.00

FIGURES



0 1/4 1/2 3/4 1 MILE



SCALE 1:24,000



VICINITY MAP

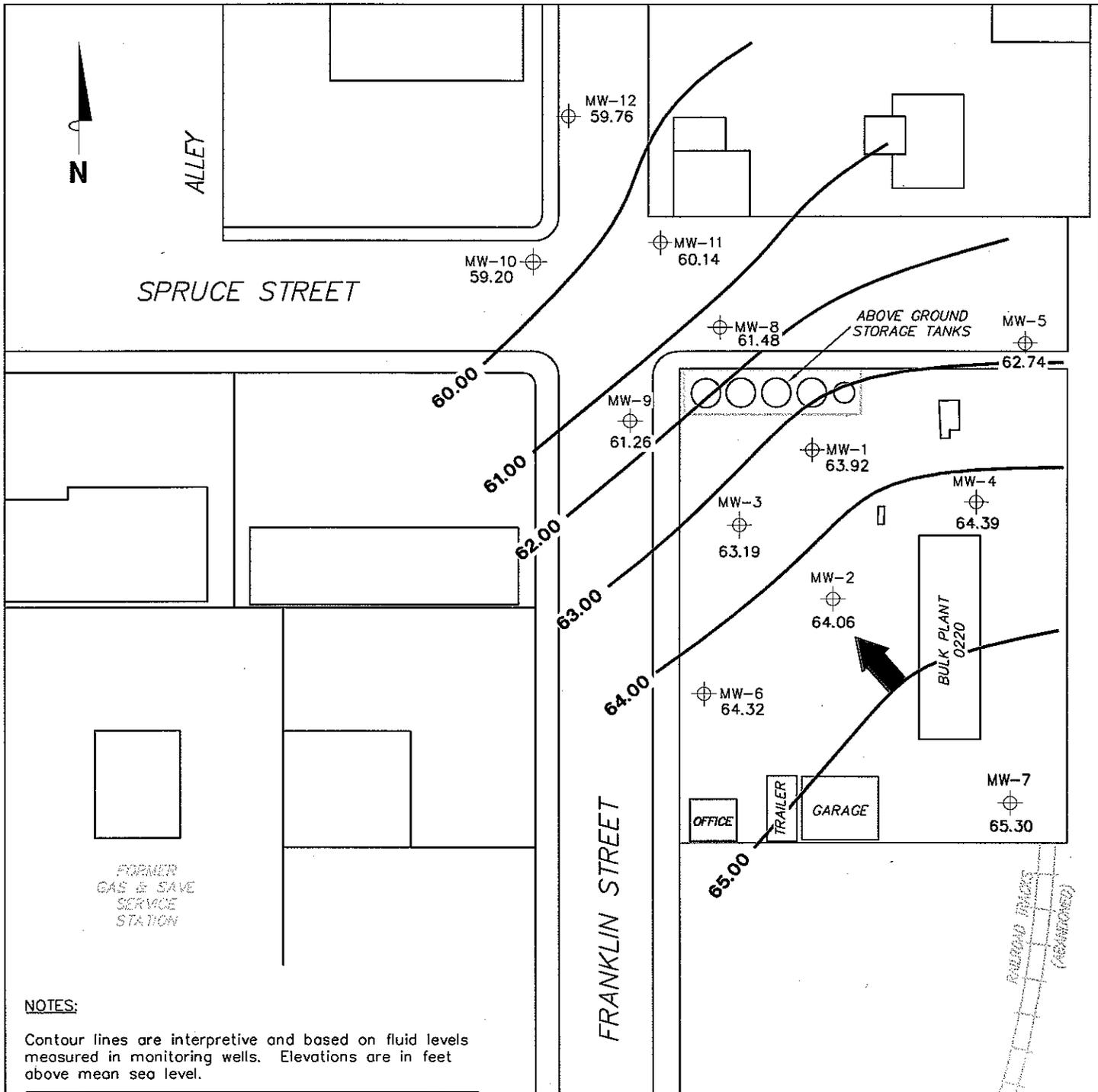
SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Fort Bragg Quadrangle

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

TRC

FIGURE 1



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level.

LEGEND

MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)

65.00 — Groundwater Elevation Contour

➔ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
November 10, 2004

Bulk Plant 0220
 720 North Franklin Street
 Fort-Bragg, California

PS=1:1 0220-003

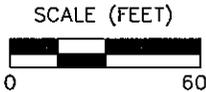
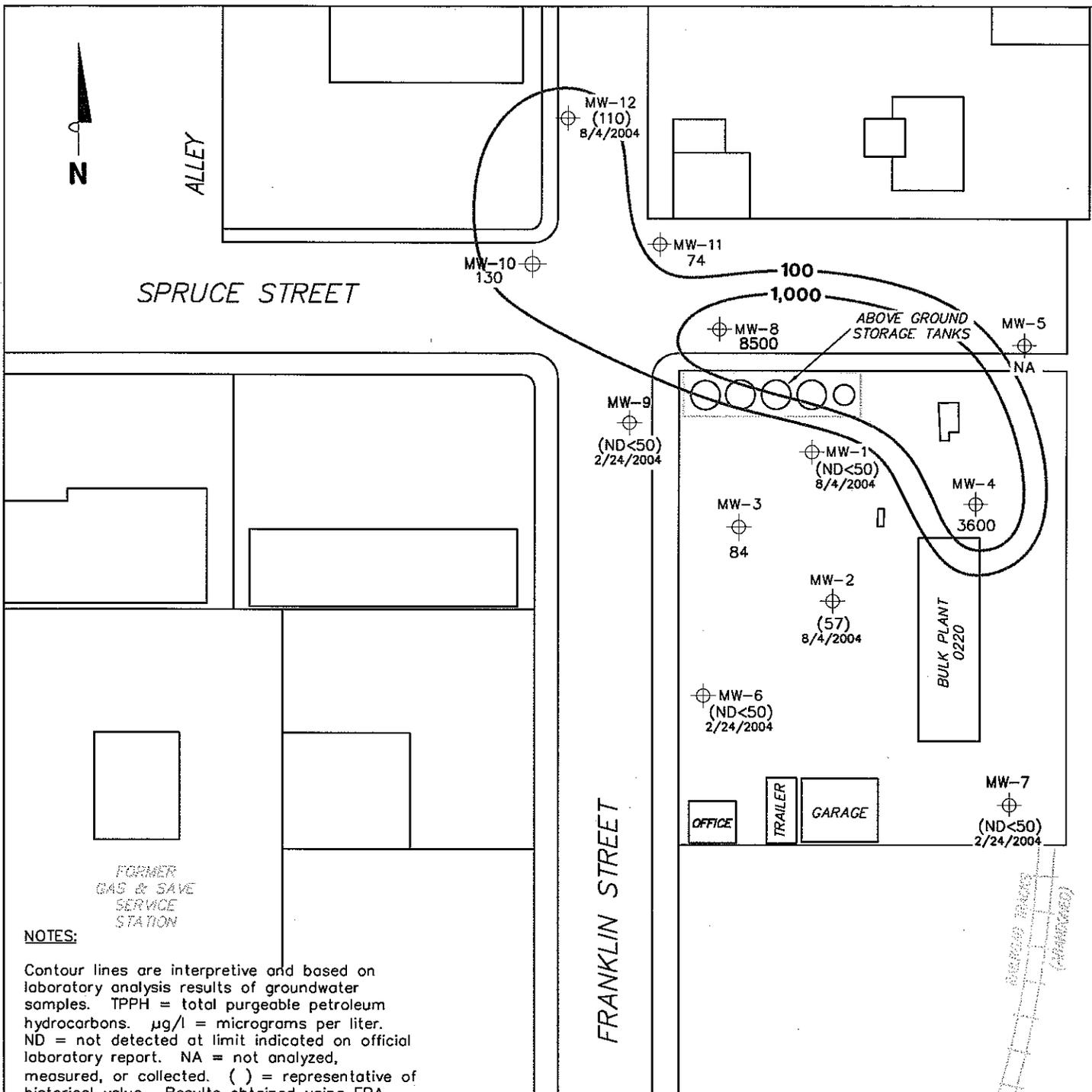


FIGURE 2



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. () = representative of historical value. Results obtained using EPA Method 8260B.

FORMER
GAS & SAVE
SERVICE
STATION

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase TPH Concentration (µg/l)

—1,000— Dissolved-Phase TPH Contour (µg/l)

**DISSOLVED-PHASE TPH CONCENTRATION MAP
November 10, 2004**

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

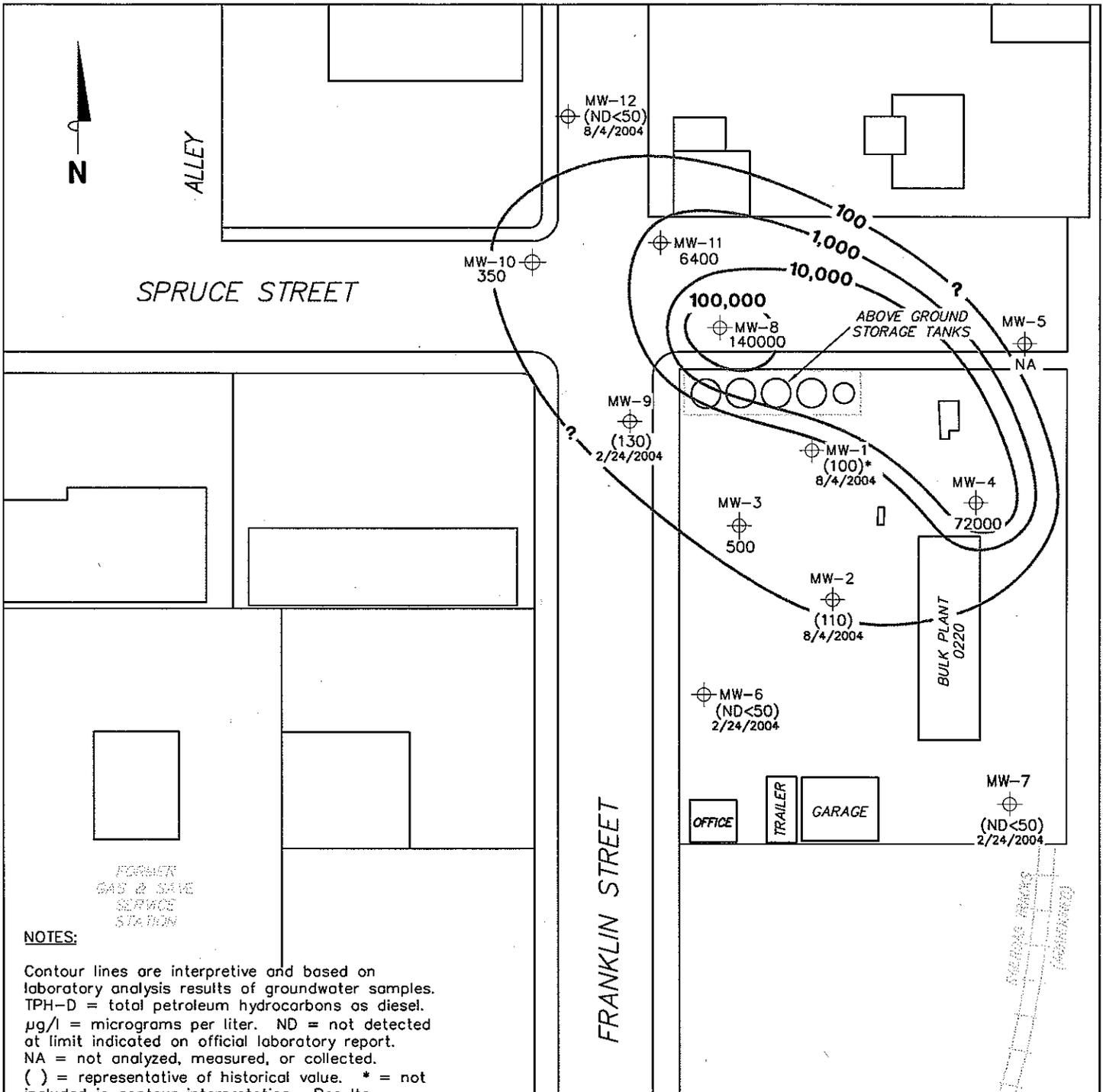
SCALE (FEET)



FIGURE 3

PS=1:1 0220-003





NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-D = total petroleum hydrocarbons as diesel. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. () = representative of historical value. * = not included in contour interpretation. Results obtained using EPA Method 8015M.

LEGEND

- MW-12 ⊕ Monitoring Well with Dissolved-Phase TPH-D Concentration (µg/l)
- 100,000- Dissolved-Phase TPH-D Contour (µg/l)

DISSOLVED-PHASE TPH-D CONCENTRATION MAP
November 10, 2004

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

PS=1:1 0220-003

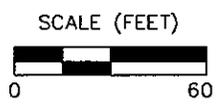
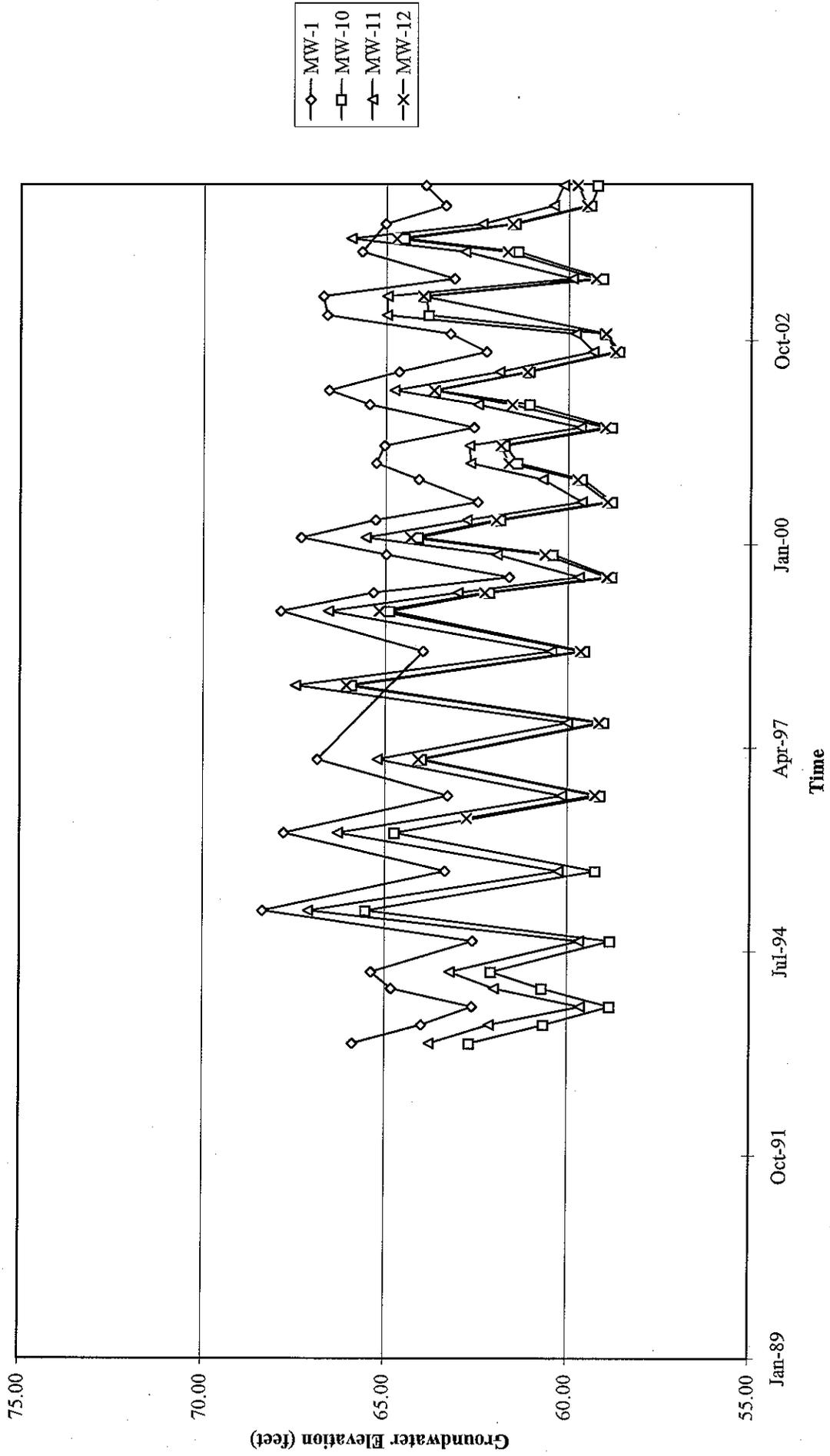


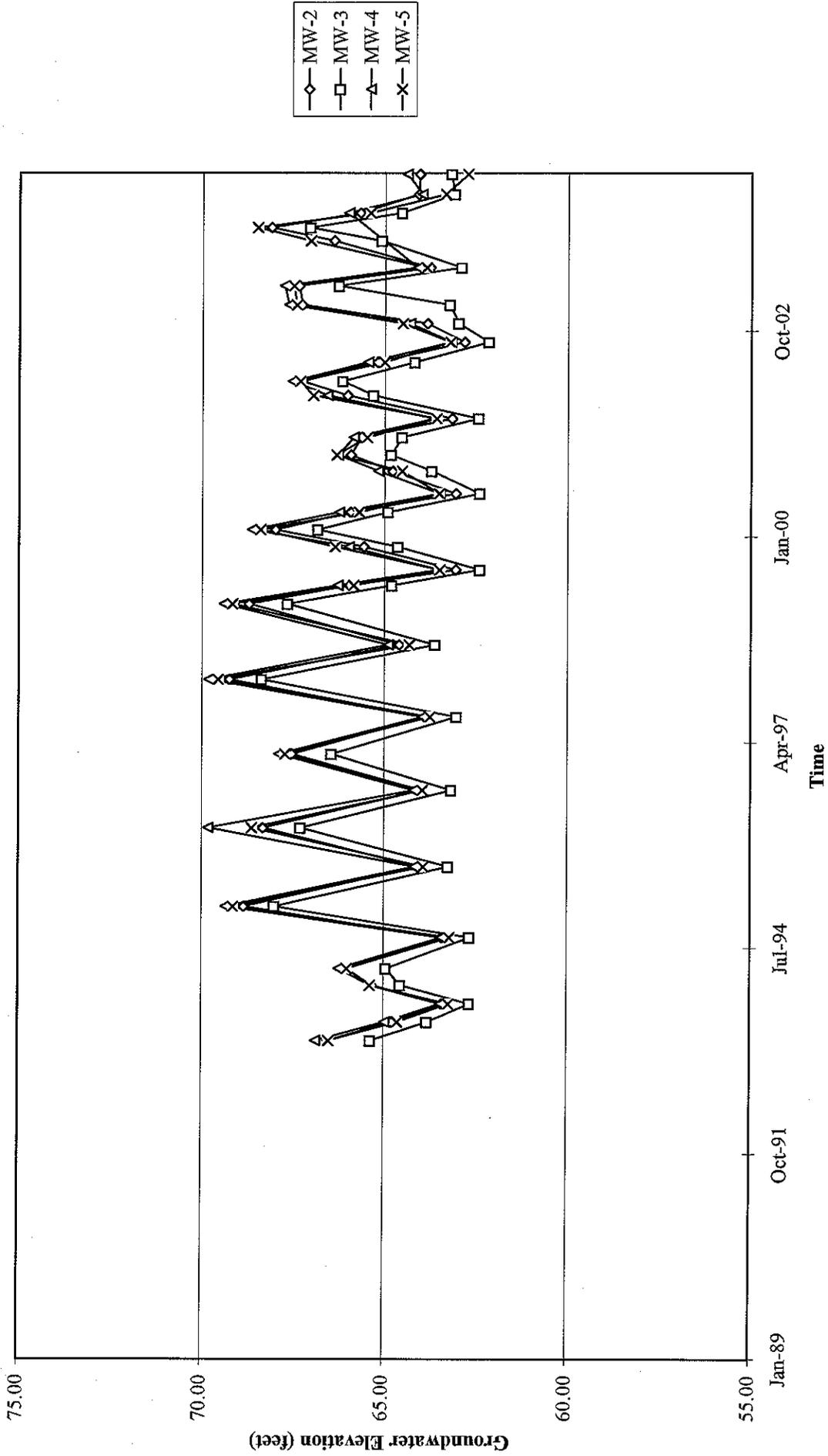
FIGURE 4

GRAPHS

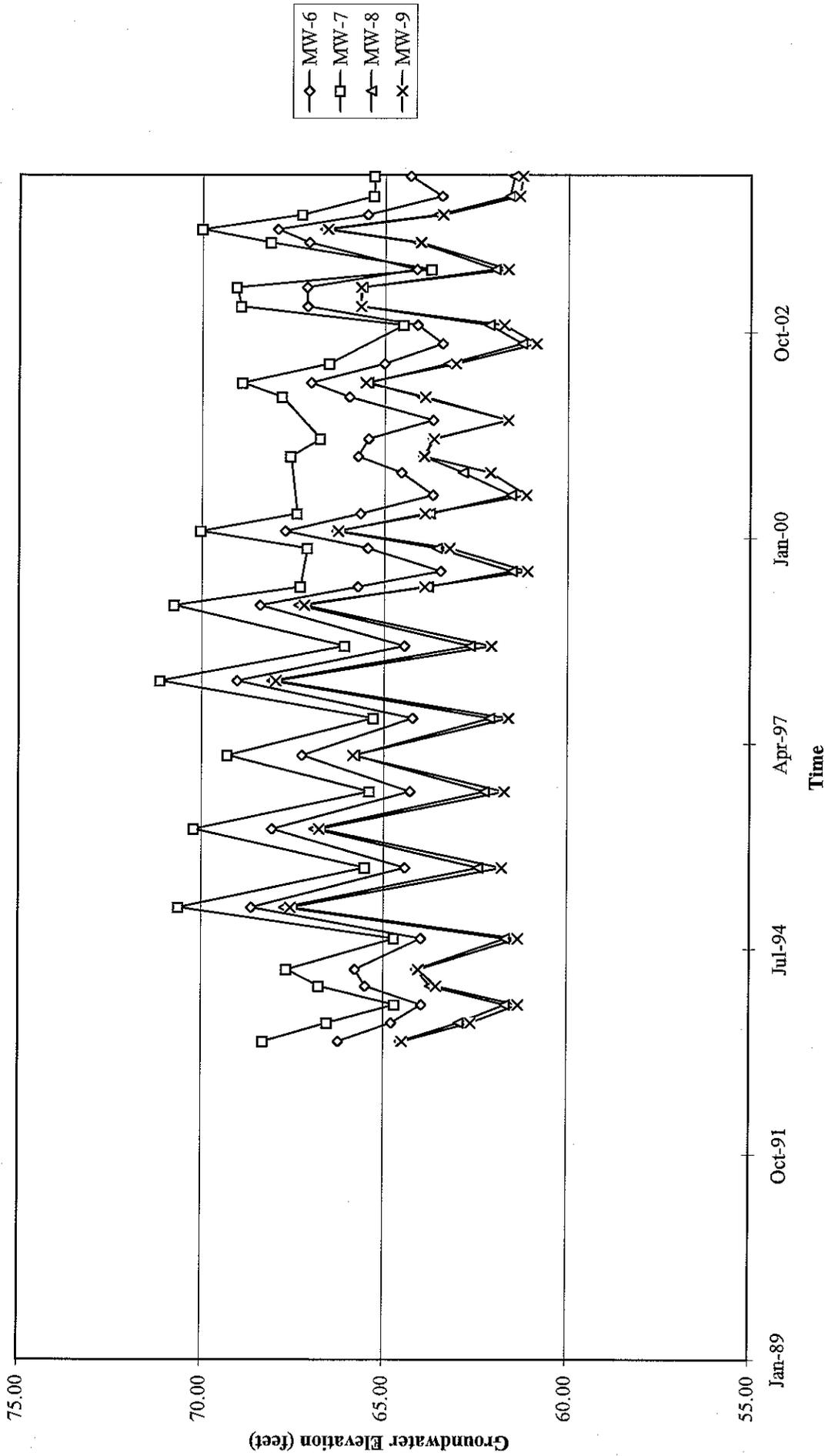
Groundwater Elevations vs. Time
Bulk Plant 0220



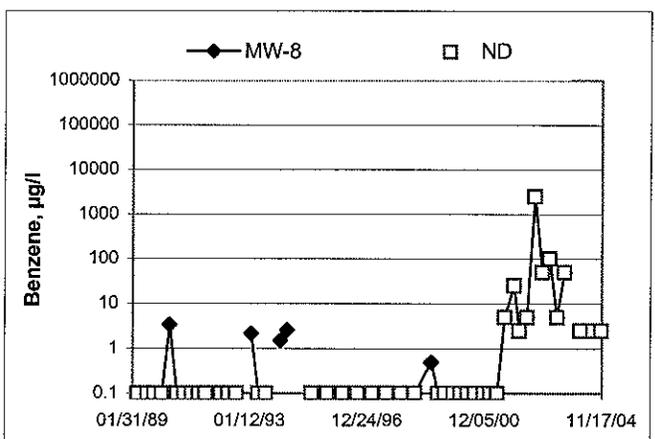
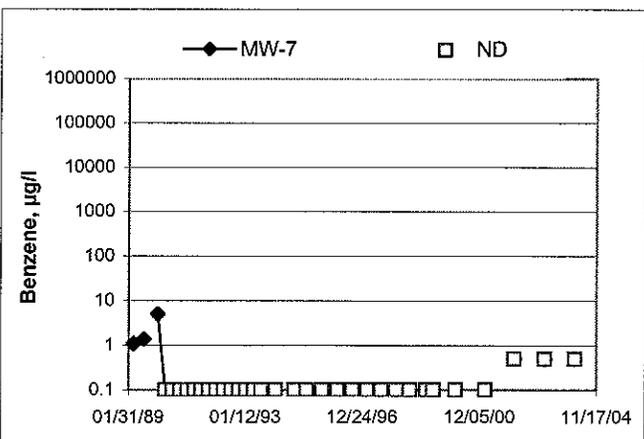
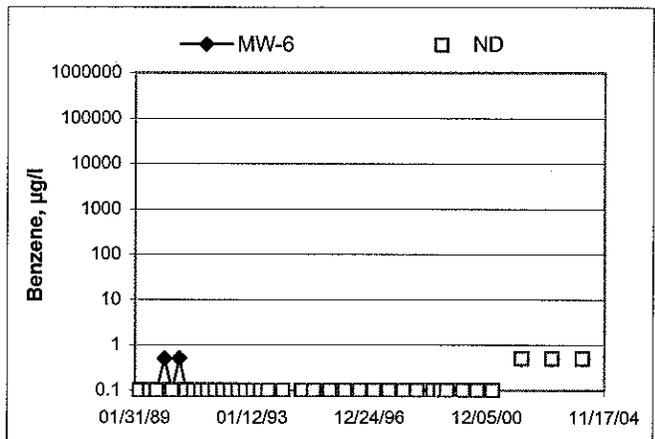
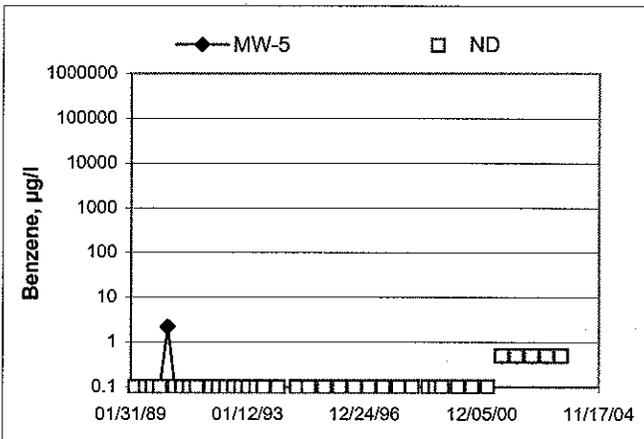
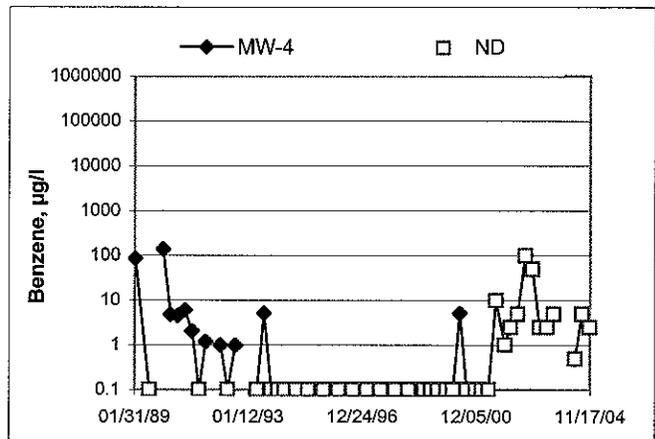
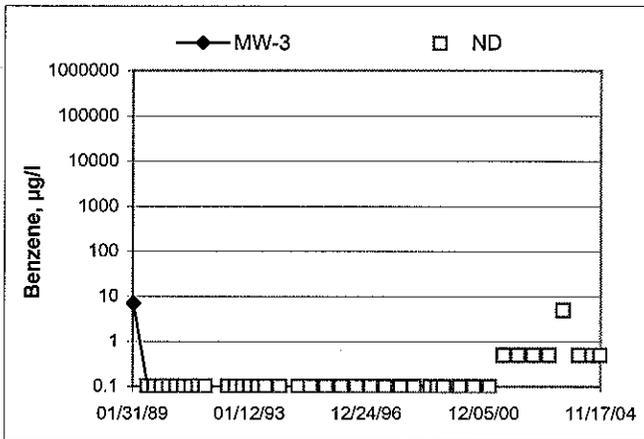
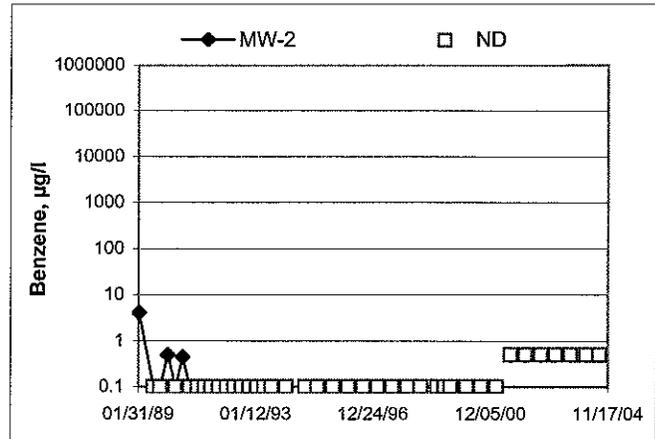
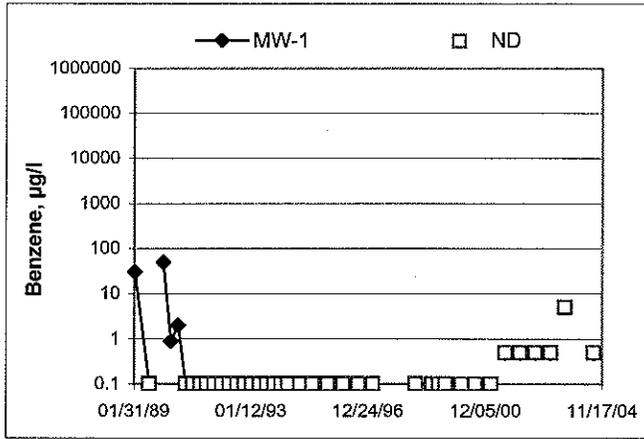
Groundwater Elevations vs. Time
Bulk Plant 0220



Groundwater Elevations vs. Time
Bulk Plant 0220



Benzene Concentrations vs Time Bulk Plant 0220



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Technician: L. J. DEEL

Site: b720

Project No.: 41050001

Date: 01/10/04

Well No.: MW-4
 Depth to Water (feet): 14.52
 Total Depth (feet): 18.88
 Water Column (feet): 4.32
 80% Recharge Depth (feet): 15.42

Purge Method: H.O
 Depth to Product (feet): 0
 LPH & Water Recovered (gallons): 0
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1036			1	245	16.5	5.67	11	1.48
			2	256	16.7	5.45		1.48
	1041		3	234	16.6	5.52		62-50 ppm
			AFTER	239	16.8	5.48		
Static at Time Sampled:			Total Gallons Purged		Time Sampled			
15.25			3		1048			
Comments: <u>02 - 0.00</u>								
<u>1.0 - 20.8</u>								
<u>OV - 013.3</u>								

Well No.: MW-8
 Depth to Water (feet): 13.60
 Total Depth (feet): 15.63
 Water Column (feet): 2.53
 80% Recharge Depth (feet): 13.60

Purge Method: H.O
 Depth to Product (feet): 0
 LPH & Water Recovered (gallons): 0
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1115			.4	490	16.7	5.61	68	2.0F
			.8	515	16.7	4.89		
	1119		1.2	525	16.8	4.90	002 -	95 ppm
			AFTER	526	16.7	4.91		
Static at Time Sampled:			Total Gallons Purged		Time Sampled			
13.15			1.2		1126			
Comments: <u>02: 00.1</u>								
<u>1.0: 20.9</u>								
<u>OV: 12.2</u>								

GROUNDWATER SAMPLING FIELD NOTES

Technician: W. J. [unclear]
 Site: B226 Project No.: 41650701 Date: 11/10/04

Well No.: MW-11 Purge Method: 0
 Depth to Water (feet): 13.62 Depth to Product (feet): 6
 Total Depth (feet): 19.68 LPH & Water Recovered (gallons): 6
 Water Column (feet): 6.06 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 14.83 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity <i>DKP</i>	D.O.
1133			1	331	18.1	6.05	2	1.64
			2	334	18.2	5.76		
	1137		3	342	17.9	5.65	CO2 =	55 ppm
			AFTER	341	18.0	5.67		
Static at Time Sampled:			Total Gallons Purged		Time Sampled			
13.68			3		1212			
Comments: CO2: 06.2								
1.0: 21.6								
DV: 4.2								

Well No.: MW-3 Purge Method: 0
 Depth to Water (feet): 13.63 Depth to Product (feet): 6
 Total Depth (feet): 22.63 LPH & Water Recovered (gallons): 0
 Water Column (feet): 8.40 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 15.31 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity <i>DKP</i>	D.O.
1055			1	179	14.9	5.60	57	3.20
			2	170	16.8	5.53		
	1059		3	182	16.8	5.40	CO2 =	15 ppm
			AFTER	184	16.8	5.48		
Static at Time Sampled:			Total Gallons Purged		Time Sampled			
13.70			3		1110			
Comments: CO2: 1.0								
1.0: 20.3								
DV: 3.0								

GROUNDWATER SAMPLING FIELD NOTES

Technician: WHEEL
 Site: 0220 Project No.: 4120DDB Date: 11/18/04

Well No.: MW-10 Purge Method: 0
 Depth to Water (feet): 13.03 Depth to Product (feet): 0
 Total Depth (feet): 19.36 LPH & Water Recovered (gallons): 0
 Water Column (feet): 6.33 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 14.29 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1148			1	339	17.9	5.70	41	2.32
			2	317	17.9	5.42		
	1154		3	313	18.0	5.40		CO2 = 50 ppm
			AFTER	310	17.9	5.41		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
13.15		3			12/19			
Comments: <u>CO2: 1.3</u>								
<u>7.0: 00.9</u>								
<u>DV: 6.9</u>								

Well No.: _____ Purge Method: _____
 Depth to Water (feet): _____ Depth to Product (feet): _____
 Total Depth (feet): _____ LPH & Water Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
Static at Time Sampled		Total Gallons Purged			Time Sampled			
Comments: _____								

TRC Alton Geoscience- Irvine

December 02, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips # 0220

Site: 720 N. Franklin St. Fort Bragg

Attached is our report for your samples received on 11/12/2004 16:05

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/27/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	11/10/2004 10:48	Water	1
MW-8	11/10/2004 11:26	Water	2
MW-11	11/10/2004 12:12	Water	3
MW-3	11/10/2004 11:10	Water	4
MW-10	11/10/2004 12:19	Water	5

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

11/29/2004 14:40

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-4	Lab ID: 2004-11-0467 - 1
Sampled: 11/10/2004 10:48	Extracted: 11/19/2004 08:13
Matrix: Water	QC Batch#: 2004/11/19-3A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	72000	1000	ug/L	20.00	11/21/2004 04:45	Q2
Surrogate(s)						
o-Terphenyl	NA	60-130	%	20.00	11/21/2004 04:45	S3

Diesel

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-8	Lab ID: 2004-11-0467 - 2
Sampled: 11/10/2004 11:26	Extracted: 11/19/2004 08:13
Matrix: Water	QC Batch#: 2004/11/19-3A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	140000	5000	ug/L	100.00	11/26/2004 22:13	Q2
<i>Surrogate(s)</i>						
o-Terphenyl	NA	60-130	%	100.00	11/26/2004 22:13	S3

Diesel

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-11	Lab ID: 2004-11-0467 - 3
Sampled: 11/10/2004 12:12	Extracted: 11/19/2004 08:13
Matrix: Water	QC Batch#: 2004/11/19-3A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	6400	50	ug/L	1.00	11/20/2004 01:21	Q2
Surrogate(s)						
o-Terphenyl	122.1	60-130	%	1.00	11/20/2004 01:21	

Diesel

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-3	Lab ID:	2004-11-0467 - 4
Sampled:	11/10/2004 11:10	Extracted:	11/19/2004 08:13
Matrix:	Water	QC Batch#:	2004/11/19-3A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	500	50	ug/L	1.00	11/20/2004 01:47	Q2
Surrogate(s)						
o-Terphenyl	87.4	60-130	%	1.00	11/20/2004 01:47	

Diesel

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-10	Lab ID: 2004-11-0467 - 5
Sampled: 11/10/2004 12:19	Extracted: 11/19/2004 08:13
Matrix: Water	QC Batch#: 2004/11/19-3A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	350	50	ug/L	1.00	11/20/2004 02:14	Q2
Surrogate(s)						
o-Terphenyl	103.6	60-130	%	1.00	11/20/2004 02:14	

Diesel

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report					
Prep(s): 3510/8015M				Test(s): 8015M	
Method Blank		Water		QC Batch # 2004/11/19-3A.10	
MB: 2004/11/19-3A.10-001				Date Extracted: 11/19/2004 08:13	

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	11/19/2004 22:31	
Surrogates(s) o-Terphenyl	77.4	60-130	%	11/19/2004 22:31	

Diesel

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report										
Prep(s): 3510/8015M						Test(s): 8015M				
Laboratory Control Spike				Water			QC Batch # 2004/11/19-3A.10			
LCS	2004/11/19-3A.10-002			Extracted: 11/19/2004			Analyzed: 11/19/2004 22:58			
LCSD	2004/11/19-3A.10-003			Extracted: 11/19/2004			Analyzed: 11/19/2004 23:26			
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	773	824	1000	77.3	82.4	6.4	60-130	25		
Surrogates(s) o-Terphenyl	20.4	21.8	20.0	102.0	109.2		60-130			

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11/29/2004 14:40

Diesel

TRC Alton Geoscience- Irvine

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

S3

Surrogate recovery not reportable due to required dilution.

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	11/10/2004 10:48	Water	1
MW-8	11/10/2004 11:26	Water	2
MW-11	11/10/2004 12:12	Water	3
MW-3	11/10/2004 11:10	Water	4
MW-10	11/10/2004 12:19	Water	5

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12/01/2004 13:21

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-4	Lab ID: 2004-11-0467 - 1
Sampled: 11/10/2004 10:48	Extracted: 11/24/2004 19:58
Matrix: Water	QC Batch#: 2004/11/24-2B.64
Analysis Flag: L1 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3600	250	ug/L	5.00	11/24/2004 19:58	Q1
Benzene	ND	2.5	ug/L	5.00	11/24/2004 19:58	
Toluene	ND	2.5	ug/L	5.00	11/24/2004 19:58	
Ethylbenzene	ND	2.5	ug/L	5.00	11/24/2004 19:58	
Total xylenes	ND	5.0	ug/L	5.00	11/24/2004 19:58	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	11/24/2004 19:58	
Surrogate(s)						
1,2-Dichloroethane-d4	112.1	72-128	%	5.00	11/24/2004 19:58	
Toluene-d8	111.9	80-113	%	5.00	11/24/2004 19:58	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-8	Lab ID: 2004-11-0467 - 2
Sampled: 11/10/2004 11:26	Extracted: 11/24/2004 12:31
Matrix: Water	QC Batch#: 2004/11/24-1B.68
Analysis Flag: L1 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	8500	250	ug/L	5.00	11/24/2004 12:31	Q1
Benzene	ND	2.5	ug/L	5.00	11/24/2004 12:31	
Toluene	ND	2.5	ug/L	5.00	11/24/2004 12:31	
Ethylbenzene	ND	2.5	ug/L	5.00	11/24/2004 12:31	
Total xylenes	ND	5.0	ug/L	5.00	11/24/2004 12:31	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	11/24/2004 12:31	
Surrogate(s)						
1,2-Dichloroethane-d4	112.1	72-128	%	5.00	11/24/2004 12:31	
Toluene-d8	96.1	80-113	%	5.00	11/24/2004 12:31	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-11	Lab ID: 2004-11-0467 - 3
Sampled: 11/10/2004 12:12	Extracted: 11/27/2004 11:17
Matrix: Water	QC Batch#: 2004/11/27-1B:64
Analysis Flag: H1 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	74	50	ug/L	1.00	11/27/2004 11:17	Q1
Benzene	ND	0.50	ug/L	1.00	11/27/2004 11:17	
Toluene	ND	0.50	ug/L	1.00	11/27/2004 11:17	
Ethylbenzene	ND	0.50	ug/L	1.00	11/27/2004 11:17	
Total xylenes	ND	1.0	ug/L	1.00	11/27/2004 11:17	
Methyl tert-butyl ether (MTBE)	0.58	0.50	ug/L	1.00	11/27/2004 11:17	
Surrogate(s)						
1,2-Dichloroethane-d4	125.1	72-128	%	1.00	11/27/2004 11:17	
Toluene-d8	90.0	80-113	%	1.00	11/27/2004 11:17	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-3	Lab ID: 2004-11-0467 - 4
Sampled: 11/10/2004 11:10	Extracted: 11/27/2004 11:40
Matrix: Water	QC Batch#: 2004/11/27-1B.64
Analysis Flag: H1 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	84	50	ug/L	1.00	11/27/2004 11:40	Q1
Benzene	ND	0.50	ug/L	1.00	11/27/2004 11:40	
Toluene	ND	0.50	ug/L	1.00	11/27/2004 11:40	
Ethylbenzene	ND	0.50	ug/L	1.00	11/27/2004 11:40	
Total xylenes	ND	1.0	ug/L	1.00	11/27/2004 11:40	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/27/2004 11:40	
Surrogate(s)						
1,2-Dichloroethane-d4	121.0	72-128	%	1.00	11/27/2004 11:40	
Toluene-d8	111.7	80-113	%	1.00	11/27/2004 11:40	

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12/01/2004 13:21

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-10	Lab ID: 2004-11-0467 - 5
Sampled: 11/10/2004 12:19	Extracted: 11/27/2004 12:02
Matrix: Water	QC Batch#: 2004/11/27-1B.64
Analysis Flag: H1 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	130	50	ug/L	1.00	11/27/2004 12:02	Q1
Benzene	ND	0.50	ug/L	1.00	11/27/2004 12:02	
Toluene	ND	0.50	ug/L	1.00	11/27/2004 12:02	
Ethylbenzene	ND	0.50	ug/L	1.00	11/27/2004 12:02	
Total xylenes	ND	1.0	ug/L	1.00	11/27/2004 12:02	
Methyl tert-butyl ether (MTBE)	43	0.50	ug/L	1.00	11/27/2004 12:02	
Surrogate(s)						
1,2-Dichloroethane-d4	125.9	72-128	%	1.00	11/27/2004 12:02	
Toluene-d8	109.9	80-113	%	1.00	11/27/2004 12:02	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Water	QC Batch # 2004/11/24-1B.68
MB: 2004/11/24-1B.68-057		Date Extracted: 11/24/2004 08:57

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/24/2004 08:57	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/24/2004 08:57	
Benzene	ND	0.5	ug/L	11/24/2004 08:57	
Toluene	ND	0.5	ug/L	11/24/2004 08:57	
Ethylbenzene	ND	0.5	ug/L	11/24/2004 08:57	
Total xylenes	ND	1.0	ug/L	11/24/2004 08:57	
Surrogates(s)					
1,2-Dichloroethane-d4	97.6	72-128	%	11/24/2004 08:57	
Toluene-d8	89.0	80-113	%	11/24/2004 08:57	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive

Irvine, CA 92718

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Method Blank			Water		
MB: 2004/11/24-2B.64-023			QC Batch # 2004/11/24-2B.64		
			Date Extracted: 11/24/2004 18:23		
Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/24/2004 18:23	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/24/2004 18:23	
Benzene	ND	0.5	ug/L	11/24/2004 18:23	
Toluene	ND	0.5	ug/L	11/24/2004 18:23	
Ethylbenzene	ND	0.5	ug/L	11/24/2004 18:23	
Total xylenes	ND	1.0	ug/L	11/24/2004 18:23	
Surrogates(s)					
1,2-Dichloroethane-d4	109.6	72-128	%	11/24/2004 18:23	
Toluene-d8	104.2	80-113	%	11/24/2004 18:23	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

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Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/11/27-1B.64-051

Water

Test(s): 8260B

QC Batch # 2004/11/27-1B.64

Date Extracted: 11/27/2004 07:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/27/2004 07:51	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/27/2004 07:51	
Benzene	ND	0.5	ug/L	11/27/2004 07:51	
Toluene	ND	0.5	ug/L	11/27/2004 07:51	
Ethylbenzene	ND	0.5	ug/L	11/27/2004 07:51	
Total xylenes	ND	1.0	ug/L	11/27/2004 07:51	
Surrogates(s)					
1,2-Dichloroethane-d4	111.6	72-128	%	11/27/2004 07:51	
Toluene-d8	109.2	80-113	%	11/27/2004 07:51	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

12/01/2004 13:21

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/11/24-1B.68			
LCS 2004/11/24-1B.68-038			Extracted: 11/24/2004			Analyzed: 11/24/2004 08:38			
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	24.3		25	97.2			65-165	20		
Benzene	23.3		25	93.2			69-129	20		
Toluene	23.6		25	94.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	459		500	91.8			72-128			
Toluene-d8	476		500	95.2			80-113			

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Site: 720 N. Franklin St. Fort Bragg

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/11/24-2B.64			
LCS		2004/11/24-2B.64-001		Extracted: 11/24/2004		Analyzed: 11/24/2004 18:01			
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	29.0		25	116.0			65-165	20		
Benzene	26.7		25	106.8			69-129	20		
Toluene	29.0		25	116.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	559		500	111.8			72-128			
Toluene-d8	528		500	105.6			80-113			

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Site: 720 N. Franklin St. Fort Bragg

Batch QC Report									
Prep(s): 5030B						Test(s): 8260B			
Laboratory Control Spike			Water			QC Batch # 2004/11/27-1B.64			
LCS		2004/11/27-1B.64-028		Extracted: 11/27/2004		Analyzed: 11/27/2004 07:28			
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.2		25	92.8			65-165	20		
Benzene	23.5		25	94.0			69-129	20		
Toluene	26.1		25	104.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	540		500	108.0			72-128			
Toluene-d8	550		500	110.0			80-113			

Gas/BTEX/MTBE by 8260B

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Conoco Phillips # 0220

Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2004/11/24-1B.68
MS/MSD		Lab ID:	2004-11-0468 - 004
MS: 2004/11/24-1B.68-004		Extracted: 11/24/2004	Analyzed: 11/24/2004 10:04
			Dilution: 1.00
MSD: 2004/11/24-1B.68-023		Extracted: 11/24/2004	Analyzed: 11/24/2004 10:23
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	25.6	32.4	ND	25	102.4	129.6	23.4	65-165	20		R4
Benzene	25.5	28.4	ND	25	102.0	113.6	10.8	69-129	20		
Toluene	24.8	28.5	ND	25	99.2	114.0	13.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	460	498		500	92.0	99.6		72-128			
Toluene-d8	497	478		500	99.4	95.6		80-113			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20

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Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch # 2004/11/24-2B.64	
MS/MSD		Lab ID:	2004-11-0565 - 001
MS: 2004/11/24-2B.64-035	Extracted: 11/24/2004	Analyzed:	11/24/2004 22:35
		Dilution:	1.00
MSD: 2004/11/24-2B.64-057	Extracted: 11/24/2004	Analyzed:	11/24/2004 22:57
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	29.8	24.6	ND	25	119.2	98.4	19.1	65-165	20		
Benzene	26.5	24.4	ND	25	106.0	97.6	8.3	69-129	20		
Toluene	30.2	26.5	ND	25	120.8	106.0	13.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	574	568		500	114.8	113.6		72-128			
Toluene-d8	561	541		500	112.2	108.2		80-113			

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Project: 41050001FA20

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Received: 11/12/2004 16:05

Site: 720 N. Franklin St. Fort Bragg

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch # 2004/11/27-1B.64	
MS/MSD		Lab ID:	2004-11-0521 - 001
MS: 2004/11/27-1B.64-047	Extracted: 11/27/2004	Analyzed:	11/27/2004 12:47
		Dilution:	1.00
MSD: 2004/11/27-1B.64-009	Extracted: 11/27/2004	Analyzed:	11/27/2004 13:09
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	28.2	20.2	ND	25	112.8	80.8	33.1	65-165	20		R4
Benzene	23.2	19.1	ND	25	92.8	76.4	19.4	69-129	20		
Toluene	28.0	21.1	ND	25	112.0	84.4	28.1	70-130	20		R4
Surrogate(s)											
1,2-Dichloroethane-d4	603	572		500	120.6	114.4		72-128			
Toluene-d8	562	537		500	112.4	107.4		80-113			

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Legend and Notes

Analysis Flag

H1

Extracted out of holding time.

L1

Reporting limits raised due to high level of non-target analyte materials.

Result Flag

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

R4

RPD exceeded method control limit; % recoveries within limits.

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 11 - 0467

Checklist completed by: (initials) MN Date: 11, 15 /04

Courier name: STL San Francisco Client _____

- Custody seals intact on shipping container/samples Yes ___ No ___ Not Present
- Chain of custody present? Yes No ___
- Chain of custody signed when relinquished and received? Yes No ___
- Chain of custody agrees with sample labels? Yes No ___
- Samples in proper container/bottle? Yes No ___
- Sample containers intact? Yes No ___
- Sufficient sample volume for indicated test? Yes No ___
- All samples received within holding time? Yes No ___

Container/Temp Blank temperature in compliance (4^o C + 2)? Temp: 2 °C Yes No ___

Potential reason for > 6°C - Ice melted - Ice in bags - Not enough ice - Not enough blue ice - Samples in boxes

Sampled < 4hr ago? - Ice not required (e.g. air or bulk sample)

Ice Present: Yes No ___

Water - VOA vials have zero headspace? No VOA vials submitted ___ Yes No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? Yes No

pH adjusted-- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc -Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____ / ____ /04 Client contacted: Yes No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.